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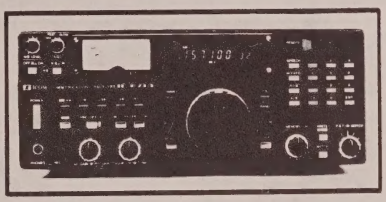

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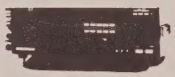

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1984 R.I.B. SURVEY RESULTS

by Kim Andrew Elliott

International shortwave broadcasting remains an important mass medium in the 1980's, and North America is one of the major target areas for international broadcasts in English. Unfortunately, relatively little is known about the North American audience for shortwave broadcasts. Surveys of the general populations of the United States and Canada could be, and have been, conducted. But such projects are very expensive and complicated, especially given the large number of households which must be contacted in order to find even as few as a hundred active shortwave listeners. Furthermore, because of the expense involved, only a few questions can be asked.

The alternative to a general survey is to use a group of known shortwave listeners. Perhaps the best such source currently available is the readership of the Review of International Broadcasting, a monthly U.S. magazine devoted to information and discussion about shortwave broadcast programming. The extent to which RIB readers are representative of the overall U.S. and Canadian shortwave audience cannot be determined exactly. Because they have taken the effort and expense to subscribe, it is likely that RIB readers are more devoted listeners than the average shortwave radio owners. Also, in RIB they have comprehensive and program schedule information and thus are more aware of listening opportunities than most non-readers.

It might be expected, then, that if a shortwave station or program does not retain a sizeable audience among RIB readers, they will not have a large audience among the more casual shortwave listeners. In addition, data derived from this survey would provide information about the "parameters" of listening patterns needed for future surveys of the general U.S. and Canadian publics.

A four page questionnaire was included in the February 1984 edition of RIB. Respondents were responsible for cutting out the questionnaire, or making photcopies, and for providing a stamp and envelope. Of the approximately 1900 subscribers and single-issue purchasers of this issue, 227 in North America and nine elsewhere returned the questionnaire.

Demographics and general listening patterns. The group is predominantly male (93.8%), perhaps a reflection of the technical nature of shortwave listening and the traditional, although changing, male domination of technical pastimes. The age range is 15 to 77, with a median age of 34 and a mean of 37.1, so the group is basically young adult. The respondents are very highly educated: 33% possess advanced degrees, and an additional 30.1% have 4-year baccalaureate degrees; 25.2% have some college education, 9.2% are at the high school degree level, and 2.4% have less than high school educations. (This does not include the 19 respondents who are still students in either high school or college.)

Most of the group is fairly new to shortwave listening. Their experience with the medium ranges from a few weeks to 52 years, with a median of 7 years and a mean of 10.9 years. Forty-nine of the 227 have listened one year or less, indicating either that there is considerable "new blood" among shortwave listeners, or that the pastime is subject to a large amount of turnover among those who lose interest after a few months of listening. As for the amount of listening, this ranges from 1 to 70 hours per week; the median is 12 hours per week and the mean 15.7 hours per week. The group is active in its listening but for the most part not obsessed, especially when considering that much listening is probably done while doing other things.

An important factor in shortwave listening is whether the listening is devoted to "DXing," the hobby of trying to pick up as many new countries or stations as possible, especially rarely heard ones, or to the actual program content of shortwave broadcasts. International broadcasting professionals would probably be more interested in those who engage mainly in the latter type of listening. Table 1 shows that the group is mainly interested in program content, although most reserve some time for "exploring" the shortwave bands

TABLE 1: "Estimate the relative amount of your shortwave listening time spent on DXing versus program listening. DXing is the activity of trying to pick up as many countries and/or stations as possible, especially rarely heard ones. Program listening is listening for the content (information, persuasion, entertainment) of shortwave broadcast stations."

0	0.0%	100% DXing; 0% program listening	33	14.7%	40% DXing; 60% program listening
15	6.7%	80% DXing; 20% program listening	101	45.1%	20% DXing; 80% program listening
27	12.1%	60% DXing; 40% program listening	48	21.4%	0% DXing; 100% program listening

Table 2 lists the shortwave radios used by the respondents. It shows that the group, for the most part, has the type of radio necessary for serious and reliable shortwave listening. Most are the moderately-to-low priced (less than $200) Sony and Panasonic portable receivers. But there is

TABLE 2: "What receiver(s) do you use for shortwave broadcast listening?"

33	Sony ICF-2002/ICF-7600D	13	Panasonic RF-2600	10	Yaesu FRG-7
30	Sony ICF-2001	11	Panasonic RF-2200	8	Realistic DX-400
16	ICOM R-70	11	Panasonic RF-2800/RF-2900	7	Realistic DX-300
15	Sony ICF-6500W	11	Yaesu FRG-7700	6	G.E. World Monitor II
15	Sony ICF-7600A	10	Panasonic RF-3100	5	Panasonic RF-085
14	Kenwood R-2000	10	Realistic DX-302	5	Zenith Trans-Oceanics
14	Kenwood R-1000				

(Receivers mentioned by fewer than five respondents are not included.)

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also a fair representation of the more expensive and elaborate communication receivers such as the ICOM R-70, Kenwood R-2000 and R-1000, and Yaesu FRG-7700.

Station and program listening. The main parts of the questionnaire asked for the amount of listening, in days per month, done by the respondents to shortwave broadcast stations and to specific programs of these stations. The results are summarized in Table 3 and 4. It is interesting to note that of the top 10 stations in Table 3, all but Radio Australia have home base or relay transmitters in the Western Hemisphere. Radio Australia is aided by a propagationally favorable trans-equatorial azimuth. Other stations which have to use northerly trans-oceanic transmission paths are further down in the rankings. Thus, it seems, not surprisingly, that reception quality is a major factor in audience size.

Of the 52 stations with audiences large enough to be included in Table 3, all but 3 (Africa Number One-Gabon, the Australian Broadcasting Corporation domestic shortwave service, and Radio Tahiti), have English transmissions directed to North America or originating from this continent. Ten stations with nominal English transmissions for North America did not have large enough audiences to be included in the table. These are the Voice of the Islamic Republic of Iran, Radio Baghdad, Radio Pyongyang, Radio Lebanon, Radio Jamahiriyah (Libya), Radio Polonia, Radio Bucharest, Radio Thailand, Radio Vilnius, and Radio Yerevan.

Listening profiles of the top 10 stations are as follows:

1. BBC. The BBC World Service maintains the commanding lead in audience size it established in previous RIB surveys. Its largest audience is for WORLD NEWS, and the BBC is by far the leading source of world news in this group. Alistair Cooke's LETTER FROM AMERICA also has a very large following. The current affairs programs RADIO NEWSREEL, FROM OUR OWN CORRESPONDENT, THE WORLD TODAY, and TWENTY FOUR HOURS also figure prominently. However, the TWENTY FOUR HOURS rating of 4.2 is down substantially from the previous year's 12.7, perhaps due to poorer reception recently during the 1309 UTC broadcast of the program, a popular time among North Americans listening during their morning routines. The communication program WAVEGUIDE has a large audience, as does PLAY OF THE WEEK, the highest-rated BBC entertainment program. A total of 28 BBC programs have audiences large enough to be included in Table 4.

2. Radio Canada International/CBC. This listing includes programs produced by Radio Canada International for external audiences, plus programs of the domestic CBC network broadcast via RCI or heard in many parts of North America via the CBC Northern Quebec Shortwave Service. RCI's main strength is the SWL DIGEST, a weekly communications magazine produced and presented by Ian McFarland. Other substantial listenership comes from the domestic CBC current affairs programs SUNDAY MORNING, AS IT HAPPENS, and THE WORLD AT SIX. However, the 7.6 rating for AS IT HAPPENS is down sharply from last year's 13.3, perhaps because RCI is now presenting only the first half hour of the program. RCI's MAILBAG has a large following. Its main current affairs magazine for North America, RCI JOURNAL, has a moderately small 3.9 rating. Also at 3.9 is QUIRKS AND QUARKS, a CBC science program heard only via the CBC Northern Quebec Shortwave Service.

3. Radio Netherlands. Radio Netherlands' audience is derived mainly from three programs, MEDIA NETWORK, a very popular communications magazine produced and presented by Jonathan Marks, THE HAPPY STATION, an informal music and conversation program hosted by Tom Meijer, and SHORTWAVE FEEDBACK, a program of questions and comments from listeners. Radio Netherlands' major current affairs programs NEWS, NEWSLINE, and REPORT have much smaller audiences. The weekly interview program TALKING TO does not have a large enough audience to be included in Table 4.

4. Radio Australia. Radio Australia's large audience is remarkable in light of the distance to North America from its transmitters and the fact that it no longer has, in name, a North American service. NEWS is its most listened to program, making Radio Australia one of the top four sources of news (with the BBC, CBC, and Voice of America). Its communications program TALKBACK has a fairly large 5.5 rating, although not as large as its predecessor SPECTRUM (8.5 in the 1983 sur-

TABLE 3: Amount of listening to shortwave broadcast stations. The left column is the average number of days per month the station is listened to by the group. The right column is the "rating," or average percentage of repondents listening to the station on any given day. Stations mentioned by fewer than 5 respondents are not included.

14.9	53.2	BBC World Service	0.4	1.6	Radio New Zealand
8.6	30.6	Radio Canada International/CBC	0.4	1.5	Voice of Greece
5.5	19.7	Radio Netherlands	0.4	1.5	Voice of Nigeria
5.3	19.0	Radio Australia	0.4	1.5	Voice of Turkey
4.6	16.5	Voice of America	0.4	1.4	Radio Portugal
4.5	16.2	Radio Earth (commercial, via WRNO)	0.4	1.4	Voice of Nicaragua
3.5	12.6	WRNO (commercial)	0.4	1.3	Radio Prague
3.2	11.6	Deutsche Welle	0.3	1.2	Radio Cairo
3.1	11.2	HCJB (Ecuador, religious)	0.3	1.1	Radio Tirana
2.9	10.5	Radio Moscow	0.3	1.1	ABC domestic shortwave (Australia)
2.8	9.8	(U.S.) Armed Forces Radio	0.3	1.0	UAE Radio (Dubai)
2.5	8.8	Kol Israel	0.3	1.0	Trans World Radio (Bonaire, relig.)
1.8	6.6	Radio France International	0.3	1.0	Vatican Radio
1.8	6.4	Swiss Radio International	0.3	0.9	RAI (Italy)
1.7	6.2	Spanish Foreign Radio	0.2	0.8	RAE (Argentina)
1.7	6.0	Radio RSA (South Africa)	0.2	0.8	Radio Budapest
1.4	5.0	Radio Japan	0.2	0.8	Radio Norway
1.3	4.7	Radio Beijing	0.2	0.8	WYFR (religious)
1.3	4.7	Radio Havana	0.2	0.8	Radio Tahiti
1.2	4.2	Radio Sweden International	0.2	0.8	Radio Sofia
0.8	3.0	Radio Nacional (Brazil)	0.2	0.7	CFRX (Toronto, commercial)
0.8	2.7	Africa Number One (Gabon)	0.2	0.6	Radio Clarín (Dominican Republic)
0.7	2.6	Voice of Free China (Taiwan)	0.1	0.5	Radio Berlin International (GDR)
0.7	2.3	Belgian Radio	0.1	0.5	Radio Korea (South Korea)
0.6	2.3	Austrian Radio	0.1	0.3	Radio Kiev
0.5	1.9	Radio Finland	0.04	0.2	United Nations Radio

vey). No other specific programs figure highly in Table 4, probably a reflection of Radio Australia's format of music, disc jockey conversation, and short features mixed together.

5. Voice of America. While VOA is not nominally directed to North America, its broadcasts are usually easy to hear throughout this continent. Its audience appears to be mainly for NEWS, suggesting that many Americans and Canadians use the VOA as a convenient source of world news not usually available in such detail from domestic radio stations. Also with small but measurable followings are MUSIC TIME IN AFRICA and the JAZZ HOUR.

6. Radio Earth. Radio Earth began broadcasting in June 1983 and currently is heard by way of one hour per day (starting at 11:00 p.m. Eastern Time) purchased from WRNO. Despite its newness and modest schedule, the "station" has accumulated a rather large audience for its mainly informal mixture of programs. Radio Earth's specific programs are contained within a daily magazine called THE WORLD. Many respondents listed THE WORLD without mentioning specific programs. Thus, the ratings for weekly features such as DIALOGUE and MAILBAG may be somewhat low.

7. WRNO. The audience for this commercial station based in New Orleans is attributable almost entirely to WORLD OF RADIO, a weekly communications magazine produced and presented by Glenn Hauser. The station's mainstay rock music has a daily rating of 1.9.

8. Deutsche Welle. The audience for the West German international station is up considerably from last year's 8.4 rating. This is probably mostly due to its most popular offering, GERMAN BY RADIO, with a much larger regular audience than in the previous year. Thirteen of the 14 respondents mentioning this program listen every week, as is probably necessary for a radio course. GERMANY TODAY, Larry Wayne's humorous look at German human interest news, also has a sizeable audience which has increased somewhat from last year's 2.8 rating.

9. HCJB. This Protestant missionary station in Ecuador is another that has markedly increased its audience since the 1983 RIB Survey (when it was 8.2). Both its communications program DX PARTY LINE and its music-and-conversation program PASSPORT show higher ratings than last year's 14.3 and 2.5 respectively.

10. Radio Moscow. Radio Moscow's audience is down somewhat from last year's 11.3 rating. This might be due to diminished reception quality during the reduced sunspot activity, as most Radio Moscow transmissions come to North America directly from Soviet territory. Or it could be the station's increased stridency during the current cool relations between the United States and the

TABLE 4: Amount of listening to specific programs of shortwave broadcast stations. The number in the column is the "rating," or the average percentage of the group listening to any one installment of the program at any of its scheduled times. Following the name of the program is a number indicating the number of days per month the program is broadcast, not including repeats of the same installment later in the week. The letter denotes whether the program is a communications hobby program (C), news (N), a current affairs analysis/background type program (A), a listener participation program (questions and comments) (L), or miscellaneous (entertainment or specific-topic) (M). Programs mentioned by fewer than 5 respondents are not included.

51.3	SWL DIGEST 4/C R Canada Intl	2.9	BRAIN OF BRITAIN 4/M BBC
47.0	WORLD OF RADIO 4/C WRNO	2.8	P.O. BOX 4559 4/L Radio RSA
40.7	MEDIA NETWORK 4/C R Netherlands	2.8	DISCOVERY 4/M BBC
35.6	WORLD NEWS 28/N BBC	2.8	SCIENCE IN ACTION 4/M BBC
19.4	DX PARTY LINE 8/C HCJB	2.7	MERIDIAN 12/M BBC
18.9	LETTER FROM AMERICA 4/A BBC	2.6	NEWS ABOUT BRITAIN 28/N BBC
16.5	SHORTWAVE MERRY-GO-ROUND 2/C Swiss R Intl	2.6	SHORTWAVE PANDEMONIUM** 4/M R Earth
16.2	THE WORLD 28 R Earth	2.5	LISTENERS' LETTERBOX 4/L R Beijing
11.8	SUNDAY MORNING 4/A Canadian B C	2.5	MUSIC TIME IN AFRICA 4/M Voice of America
10.9	HAPPY STATION 4/M R Netherlands	2.4	MUSIC FROM CHINA 4/M R Beijing
10.6	SHORTWAVE FEEDBACK 4/L R Netherlands	2.4	MONITOR 4/A BBC
10.4	MAILBAG* 4/L R Canada Intl	2.4	OUTLOOK 20/A BBC
9.9	DIALOGUE 4/C R Earth	2.3	MUSICA DEL ECUADOR 4/M HCJB
9.4	RADIO NEWSREEL 28/A BBC	2.3	ALL THINGS CONSIDERED 20/N Armed Forces R
8.5	WAVEGUIDE 4/C BBC	2.3	THIS IS THE CARIBBEAN 16/M R Earth
8.0	SWEDEN CALLING DX'ERS 4/C R Sweden Intl	2.3	JAZZ HOUR 24/M Voice of America
7.9	MOSCOW MAILBAG 4/L R Moscow	2.2	MICROPHONE ON EUROPE 20/M Deutsche Welle
7.6	AS IT HAPPENS 20/A Canadian B C	2.2	MAILBAG 4/L R Sweden Intl
7.4	WORLD AT SIX 20/N Canadian B C	2.1	NEWS 24/N R Netherlands
6.8	LETTERBOX 4/L BBC	2.1	ASSIGNMENT 4/A BBC
6.7	NEWS 28/N Voice of America	2.0	A JOLLY GOOD SHOW 4/M BBC
6.6	PLAY OF THE WEEK 4/M BBC	2.0	SKYLINE** 4/M R Earth
5.9	GERMAN BY RADIO 4/M Deutsche Welle	2.0	ISSUES IN THE NEWS 4/A Voice of America
5.5	NEWS 28/N R Australia	1.9	FOUR CORNERS 20/A R Australia
5.5	TALKBACK 4/C R Australia	1.9	SPORTS ROUNDUP 28/M BBC
5.1	DX CORNER 4/C Kol Israel	1.9	(rock music) 28/M WRNO
4.9	MAILBAG 4/L R Earth	1.8	FORUM 4/A Kol Israel
4.7	(music/DJ) 20 R Australia	1.8	THIRTY MINUTE THEATRE 4/M BBC
4.7	NEWS 28/N R Canada Intl or CBC	1.7	NEWS 28/N R France Intl
4.6	DX PROGRAM 4/C Spanish Foreign Radio	1.7	REPORT 12/A R Netherlands
4.6	FROM OUR OWN CORRESPONDENT 4/A BBC	1.6	(music) 28/M R Havana
4.6	THE WORLD TODAY 20/A BBC	1.6	COMMENTARY 28/A BBC
4.4	JUST A MINUTE 4/M BBC	1.6	MAGAZINE SHOW 20/M Voice of America
4.2	TWENTY FOUR HOURS 20/A BBC	1.5	(music) 28/M Africa Number One
4.1	PASSPORT 20/M HCJB	1.5	NEWS 28/N Deutsche Welle
4.1	CALLING ALL LISTENERS 4/L Kol Israel	1.5	DATELINE 20/A Swiss R Intl
4.0	BONSOIR AFRICA 4 R Canada Intl	1.5	BRITISH PRESS REVIEW 28/A BBC
4.0	GREAT SATURDAY GRAPEVINE 2/L Swiss R Intl	1.5	(sports) 28/M Armed Forces R
4.0	SATURDAY SPECIAL 4/M BBC	1.4	NEWS 28/N R Beijing
3.9	QUIRKS AND QUARKS 4/M Canadian B C	1.4	FOCUS 20/A Voice of America
3.9	RCI JOURNAL 20/A R Canada Intl	1.4	STUDIO ONE 4/M Voice of America
3.9	NEWS 28/N Kol Israel	1.2	NEWS 28/N Spanish Foreign R
3.9	NEWS 28/N R Moscow	1.2	(music) 28/M Voice of Greece
3.9	(U.S. network news) 28/N Armed Forces R	1.2	VLADIMIR POSNER 28/A R Moscow
3.6	RADIO WORLD 4/C Belgian R	1.1	(music) 28/M R Nacional-Brazil
3.6	GERMANY TODAY 20/M Deutsche Welle	1.1	NEWS 28/N R Havana
3.6	NEWSDESK 28/N BBC	1.1	NEWS 28/N R Japan
3.6	TOP TWENTY 4/M BBC	1.1	NEWSLINE 24/A R Netherlands
3.4	NEW IDEAS 4/M BBC	0.9	ASIAN/PACIFIC NEWS 28/N R Australia
3.4	RADIO THEATRE 4/M BBC	0.9	AUSTRALIAN INSIGHT 20/A R Australia
3.2	REPORT FROM ASIA 4/A R Australia	0.9	WEEKDAY 20/A R Sweden Intl
3.1	PARIS CALLING AFRICA 28 R France Intl	0.9	(African service) 28 Voice of America
3.0	DX CORNER 4/C Radio RSA	0.9	NOW MUSIC USA 12/M Voice of America
2.9	SHORTWAVE PANORAMA 4/C Austrian R	0.8	NEWS 28/N Swiss Radio Intl

*of all RCI services **program did not begin until after some questionnaires were returned

TABLE 5: Amount of listening to shortwave broadcast stations among listeners in western North America (New Mexico, Colorado, Wyoming, Montana, Saskatchewan, and all states and provinces to the west). The left column is the average number of days per month the station is listened to by the subgroup. The right column is the "rating," or average percentage of the subgroup listening to the station on any given day. Only those stations with the 20 largest audiences are included.

15.2	54.3	BBC World Service	2.3	8.0	HCJB (Ecuador)
7.3	26.1	Radio Australia	2.2	7.9	WRNO
6.9	24.5	Radio Canada International/CBC	2.0	7.0	Kol Israel
6.0	21.6	Voice of America	1.8	6.4	Radio France International
5.9	20.9	Radio Netherlands	1.6	5.7	Radio Havana
4.2	14.9	Radio Japan	1.5	5.5	Radio Beijing
4.0	14.2	(U.S.) Armed Forces Radio	1.1	4.1	Radio RSA (South Africa)
3.0	10.9	Deutsche Welle	1.0	3.7	Swiss Radio International
3.0	10.7	Radio Earth	0.8	3.1	Radio New Zealand
2.9	10.3	Radio Moscow	0.8	2.9	Spanish Foreign Radio

Soviet Union. MOSCOW MAILBAG with Joe Adamov is the most popular Radio Moscow program.

Audiences in western North America. The tally in Tables 3 and 4 is based on the 227 questionnaires from throughout North America. A separate analysis was conducted for the 44 respondents from the western third of North America. This was done to determine the intervening effect of contrasting reception conditions in the western part of the continent. The results are summarized in Table 5. Not surprisingly, listening rates are higher for Radio Australia, Radio Japan, Radio Beijing, and Radio New Zealand. The Voice of America and the Armed Forces Radio also have larger audiences in the western region. The ratings are down most sharply for Radio Earth and WRNO (which use the same transmitter) and also down for Radio Canada International, HCJB, Swiss Radio International, and Spanish Foreign Radio.

Program categories. As specified in Table 4, there are five basic categories of shortwave broadcast program: 1) communications hobby programs, 2) news, 3) current affairs analysis/background programs, 4) listener participation programs, and 5) miscellaneous - entertainment or specific-topic programs.

The communications hobby programs, traditionally known as DX programs, continue to attract very large audiences. Programs of this type hold 5 of the top 10 positions in Table 4, and they are the highest rated programs of many shortwave broadcast stations. The existence of this phenomenon among respondents who profess to be interested mainly in program content rather than DXing would suggest that an interest in the medium, as well as the messages, is necessary to maintain the habit of listening to shortwave broadcasts. Furthermore, communications programs provide transmission and program schedule information, plus technical advice, necessary for the optimum emjoyment of the medium. Another possible reason for the success of these programs is that they provide an indirect social contact among shortwave listeners; most of the communications programs include listener mail. (Table 6 reviews the ratings of the top 10 communications hobby programs.)

News is the most prominent component of virtually all shortwave broadcast station schedules. But the data from this survey indicate that the audience for news is rather unevenly distributed, with the BBC getting the lion's share. (See Table 6.) The closest competition, which is not very close, is the CBC's WORLD AT SIX and the newscasts of the Voice of America and Radio Australia. Given the general redundancy of world news from Western sources, it is not surprising that most listeners see no need to supplement their listening to the highly-reputed and conveniently-scheduled BBC world news.

Current affairs background and analysis programs are another mainstay of shortwave broadcast programming. Table 6 shows a domination of the BBC and CBC in this category. Of the weekday current affairs features of the Western mid-sized stations, only Radio Canada International's RCI JOURNAL has a moderately sized audience. Only small percentages tune to Radio Netherland's NEWSLINE and REPORT, the Deutsche Welle's MICROPHONE ON EUROPE, Swiss Radio International's DATELINE, and Radio Sweden International's WEEKDAY.

Listener participation programs in general tend to attract sizeable audiences. They, along with communications programs, afford a contact among shortwave listeners. Also, these programs tend to be more informal and more quickly paced, and therefore easier to listen to than most other programming. Radio Netherlands is the most successful in this category with its SHORTWAVE FEEDBACK, which features listener input in the form of telephone calls as well as letters. (See Table 6)

TABLE 6: Ratings for the top 10 programs in each of 5 program categories. The number following the name of the program is the number of days per month the program is broadcast, not including repeat broadcasts. The rating is the average percentage of respondents listening to any one installment of the program at any of its scheduled times.

Communications hobby programs

51.3	SWL DIGEST 4 R Canada Intl	9.9	DIALOGUE 4 R Earth
47.0	WORLD OF RADIO 4 WRNO	8.5	WAVEGUIDE 4 BBC
40.7	MEDIA NETWORK 4 R Netherlands	8.0	SWEDEN CALLING DX'ERS 4 R Sweden Intl
19.4	DX PARTY LINE 8 HCJB	5.5	TALKBACK 4 R Australia
16.5	SHORTWAVE MERRY-GO-ROUND 2 Swiss R Intl	5.1	DX CORNER 4 Kol Israel

News

35.6	WORLD NEWS 28 BBC	3.9	NEWS 28 Kol Israel
7.4	WORLD AT SIX 20 Canadian B C	3.9	NEWS 28 R Moscow
6.7	NEWS 28 Voice of America	3.9	(network news feeds) 28 Armed Forces R
5.5	NEWS 28 Radio Australia	3.6	NEWSDESK 28 BBC
4.7	NEWS 28 R Canada Intl or CBC	2.6	NEWS ABOUT BRITAIN 28 BBC

Current affairs analysis/background

18.9	LETTER FROM AMERICA 4 BBC	4.6	THE WORLD TODAY 20 BBC
11.8	SUNDAY MORNING 4 Canadian B C	4.2	TWENTY FOUR HOURS 20 BBC
9.4	RADIO NEWSREEL 28 BBC	3.9	RCI JOURNAL 20 R Canada Intl
7.6	AS IT HAPPENS 20 Canadian B C	3.6	NEWSDESK 28 BBC
4.6	FROM OUR OWN CORRESPONDENT 4 BBC	3.2	REPORT FROM ASIA 4 R Australia

Listener participation programs

10.6	SHORTWAVE FEEDBACK 4 R Netherlands	4.1	CALLING ALL LISTENERS 4 Kol Israel
10.4	MAILBAG 4 R Canada Intl(all services)	4.0	GREAT SATURDAY GRAPEVINE 2 Swiss R Intl
7.9	MOSCOW MAILBAG 4 R Moscow	2.8	P.O. BOX 4559 4 Radio RSA
6.8	LETTERBOX 4 BBC	2.5	LISTENERS' LETTERBOX 4 R Beijing
4.9	MAILBAG 4 R Earth	2.2	MAILBAG 4 R Sweden Intl

Miscellaneous (entertainment and specific topic)

10.9	HAPPY STATION 4 R Netherlands	4.0	SATURDAY SPECIAL 4 BBC
6.6	PLAY OF THE WEEK 4 BBC	3.9	QUIRKS AND QUARKS 4 Canadian B C
5.9	GERMAN BY RADIO 4 Deutsche Welle	3.6	GERMANY TODAY 20 Deutsche Welle
4.4	JUST A MINUTE 4 BBC	3.4	NEW IDEAS 4 BBC
4.1	PASSPORT 20 HCJB	3.4	RADIO THEATRE 4 BBC

There are relatively few programs available that could be included in the miscellaneous (entertainment and specific topic) category, other than the numerous programs of this type included in the schedule of the BBC World Service. Radio Netherlands is the most successful in this category, with its HAPPY STATION program. (See Table 6.)

Music on shortwave. It has been suggested by a number of persons that music is inappropriate content for shortwave broadcasting because of imperfect reception conditions inherent to the medium. On the other hand, respondents in previous RIB and other surveys have called for more music indigenous to a shortwave broadcast station's country or region. Therefore, it was decided to ask the participants in this survey to state their positions concerning music on shortwave. The results, reported in Table 7, show that only a small minority does not enjoy any type of music on shortwave. A large majority prefers music not generally available from domestic AM or FM stations.

General program comments. In the final two sections of the questionnaire, respondents were given the option of writing the general comments about the shortwave programming they like to hear, would like to hear, or do not like to hear. This is more of a qualitative than quantitative exercise, providing a reference for future surveys and program development. The results summarized in Table 8 show support for the traditional news and communications programs. But

TABLE 7: Opinions of music on shortwave. "Which of the following statements is closest to your opinion?"

49	22.2%	I enjoy any type of music on shortwave
152	68.8%	I enjoy the types of music on shortwave that I cannot generally hear on domestic AM and FM stations
20	9.0%	I do not enjoy any type of music on shortwave
6		(no answer)

TABLE 8: Respondents' general comments about programming. The quantities reported below should be interpreted cautiously. Some categories are more encompassing than others and thus may have higher numbers, while other categories are more novel or unusual and would be expected to have lower values. The data are derived from open-ended essay-type questions.

The programming you like, or would like, to hear		The programming you don't like	
69	Local culture/customs/human interest	105	Propaganda/one-sided information
69	News (including "world news")		(52 specified Radio Moscow)
64	Communications/DX programs		(21 specified the Voice of America)
63	Music of the station's country or region		(15 specified Radio Havana)
31	News of the station's country or region		(13 specified Radio Tirana)
29	Commentaries	44	Religious programs
28	Mailbag/listener participation programs		(17 specified WYFR)
20	Science/technology programs	34	Rock/pop music
17	History of the station's country	25	News
16	Drama/readings of literature		(10 mentioned the redundancy of world news from different sources)
14	More informal presentation		
12	More programming like that of Radio Earth		
11	Current affairs background/analysis		
10	Humor/comedy		

there is also much desire for less frequently available programming emphasizing local cultures, customs, and lifestyles, or featuring music of the station's country or region. On the negative side, the largest number of respondents expressed a dislike of propaganda or one-sided information. Not surprisingly, 54 specified Radio Moscow. Notable is the fact that the Voice of America is the second most mentioned station under the propaganda heading. Such a collective opinion of the VOA appears to be a new phenomenon, having not existed in previous surveys. Other major dislikes are religious programming (with WYFR mentioned much more than any other station) and rock/pop music. The quantities given in Table 8 should be interpreted cautiously, as some program categories are less encompassing and more novel than others and would tend to have lower numbers.

Favorite broadcasters. Respondents were asked to name up to ten of their favorite shortwave broadcasting persons. The results are summarized in Table 9. Ian McFarland of Radio Canada International's top rated SWL DIGEST is once again the favorite shortwave broadcaster.

Conclusions. The data derived from this survey suggest the following:

1) The BBC continues to command the largest audiences in North America, particularly with its news, current affairs, and entertainment programming. It relinquishes its lead only in communications and listener particpation programs. The success of the BBC is likely a factor of 3 factors: a) a strong signal, b) a continuous and convenient schedule, and c) a wide variety of high quality informational and entertainment programming.

2) Only Radio Canada International is, at present, in a position to challenge the BBC for the largest North American (or U.S.) audience. It already has a clear signal in most parts of the continent. If it could develop a continuous English schedule of the highly regarded CBC domestic programs complemented by RCI-produced features, RCI would have the same components of success as the BBC.

3) Other stations with briefer English daily broadcast durations or with less clear signals will have to develop highly appealing and unique programming to lure listeners. Tables 4 and 8 contain some suggestions for the construction of such programs. Informal presentations of local culture, customs, and lifestyles, with local music, perhaps broadcast once a week, would be a recommended start.

4) The "mainstream" weekday current affairs magazines that took over the schedules of the mid-

TABLE 9: Favorite shortwave broadcasting persons. Respondents could list up to 10, in order of preference. Ten points given for first choice, nine points for the second, and so on. Total points are given in the column. Broadcasters mentioned by fewer than 10 respondents are not included.

812	Ian McFarland, R Canada Intl	148	"The Two Bob's" (Zanotti, Thomann) Swiss R
786	Glenn Hauser, R Canada Intl, WRNO, etc.	92	Larry Wayne, Deutsche Welle
527	Jonathan Marks, R Netherlands	84	David Monson, R Earth
390	Jeff White, R Earth	83	Vladimir Posner, R Moscow
351	Alistair Cooke, BBC	82	George Wood, R Sweden Intl
205	Rudy Espinal, R Earth	76	Joe Adamov, R Moscow
205	Clayton Howard, HCJB	72	Willis Conover, Voice of America
197	Tom Meijer, R Netherlands	68	Gordon Redding, R Canada Intl
155	Margaret Howard, BBC		

sized Western shortwave broadcast stations during the 1970's seem to be failing to retain sizeable audiences. This is not because RIB readers are apathetic; they do listen to news and current affairs programs from other stations. And reception conditions cannot always be blamed, because the communications and listener participation programs of many of these stations are able to attract fairly large audiences. The more likely reason is that these programs tend to be redundant, slow-paced, and rather boring. The quality and quantity of original information and insights acquired may not justify the considerable effort required to tune in at a specific time and to remain attentive to the program.

5) It might be suggested that the programs mentioned in the previous paragraph are really designed for audiences in the developing countries, where domestic sources of information are limited. But surveys of these regions, conducted by the United States Information Agency and other organizations, generally show that audiences listen mainly to the BBC, Voice of America, and (regionally) Radio Australia. The Western mid-sized stations are not attracting sizeable audiences in these regions.

6) The importance of North America as a target area for international broadcasts should not be underestimated. The (potential) audience is growing with the brisk sales of the new low-priced, good-quality shortwave radios. North Americans possess the political rights and financial means to act on what they have heard. A re-examination of programming, technical, and scheduling practices would benefit both the North American audience and the international broadcast station.

(The author gratefully acknowledges the assistance of Mrs. Phyllis Elliott in compiling the data. I.e., thanks Mom!)

TAPE EXCHANGE We're happy to report that all participants in this section so far report satisfaction. Here's more: (gh) Do you know of anyone who might have recordings of intervals and breaks from the past 20 years? I used to have some real good ones like Radio Leopoldville from the early 60's, Radio Ankara, and even Radio Free Prague during the Soviet invasion. All gone now! (Mrs Joan Drezhlo, 720 Federal St., Apt. 601, Troy NY 12180)

* Wanted immediately: A very fluent reader able to read each RIB onto cassette immediately upon receipt of the magazine. Due to time limits, I've been falling behind. Please contact me if you have 3 or 4 hours a month available. The recipient of this reading lives in Montpelier, Ohio, in the extreme northeast corner, so closer readers would have more in common. Two years ago, Ian McFarland, Canadian Handicapped Aid Program director, said I would be reimbursed for tapes and/or postage, but I have not asked for it and don't know if it still applies to Canadians or Americans reading RIB for the blind. Return postage is not required when contacting me, but if you phone, please do not call collect (Ken L A Burgess, 459 Fourth Ave NW, Swift Current, Sask Canada S9H ØV4 (306) 773-2663)

SHORTWAVE HOTLINE, new computerized system now provides up to 30 of the latest DX tips, for those who subscribe at $10 per year; (301) 231 3730. If interested, leave a message (Andrew O'Brien, MD)

ATTENTION, $15 SUBSCRIBERS Outdated publicity still circulating leads some people to assume $15 is the correct U.S. RIB subscription rate. It's $18 now, but please do not send another $3 since your subscription has already been prorated for 10 issues instead of 12. Renewal notice may come earlier than you expect. The only notice is a red arrow on mailing label and exposure of box on back cover normally covered by mailing label. We won't keep pestering you to renew.

ATTENTION, ALL SUBSCRIBERS RIB needs more advertising to survive and grow, but our uncompromising consumer-viewpoint editorial policy makes some reluctant. Please support those business who do advertise in RIB. We also need a much larger base of subscribers. Please spread the word about RIB to your SWL friends or those who might develop an interest; if you're sharing your copy, try to get the sharee to take out her own subscription. Help RIB grow if you want it to continue (gh)

Radio Equipment Forum

edited by David Newkirk, 11339½ 8th Ave NE, Seattle, WA 98125. Editor appears in ►◄ or as (dpn).

Harbingers (Bruce Tindall, Chapel Hill NC) On last week's "World of Radio" David Newkirk had what started out as a fascinating and significant story about what Chinese radio stations play at sign-on and signoff. Unfortunately, he turned it, as he turns almost everything, into evidence for his case that the whole world (except for David Newkirk) is scum. I was quite impressed with his research and his reporting of the story. He didn't have to punch his listeners in the face and tell them how smart he is. You're (gh) the editor; can't you edit out things like that self-congratulation, or like the half-page tirade against caffeine in Radio Equipment Forum a few months back?

(Ralph Perry, Euless TX) Nobody asked, but ... the only bitch I have about RIB is the incredible pomposity of Newkirk and his passle of comedians. C'mon, Glenn, if truth be told, there's never been more pretension toward elitism than is shown by these jargonistic technical double-talkers! Just my opinion. Too bad, too, because there's often good information embedded in that mess of haughty verbiage!

(attRIButed to Laozi, China) Those who justify themselves do not convince.

Radio.What: NOISE (from "European Newsletter" by A.G. Halligey in the March 1984 Lowdown, published by the Longwave Club of America) We do not suffer from house lighting dimmers in the UK and most rotating domestic appliances are fully suppressed, but fluorescent lamps, TVs and video recorders are all sources of locally radiated interference, some of which doubtless finds its way back into the electricity supply system.

There are other, often unsuspected, causes of 'hash', particularly on the LF and MF bands. For example, it was recently found that a new regulated power supply unit, delivering 13.8V to a Trio-Kenwood R-2000, was also pumping out heavy noise over the band 100 to 3000 kHz. Some scanners and their power-supply units radiate considerable noise and to a lesser extent so do items such as batterydriven clocks, clocks incorporated into receivers, and calculators. On some mains/battery receivers the internal PSU is badly smoothed and very noisy on certain bands - in this instance easily checked by switching to the battery supply.

Common ground (earth) connections between two or more receivers can also be an unexpected source of noise, even if only one receiver is switched on and that one is battery operated, but grounded.

Finally, a memory of the last war, when I was stationed at an aero direction-finding station at Newcastle-on-Tyne. For months we had been plagued by a continuous crackling 'hash' on our operating frequencies, 336 and 348 kHz. We knew that it was 'radiated' interference since we operated from a battery supply. We had a good bearing from the source, but the electricity supply authority ignored this, since they didn't understand about bearings.

Instead, they helpfully cleaned all the supply pole insulators for miles around, but the noise still persisted. We finally persuaded them to follow our bearing line out across the countryside. Eventually they arrived at a small switching station 43 miles away, which was arcing away quite happily to itself. The supply people cleared this fault, silence reigned once more and the quality of our bearings to errant R.A.F. bombers was greatly improved.

ICF-2002 PULLING (Rusty Whitney, Portland OR) Sony Service Center/Seattle reports spending many hours with it; even had the manager take it home. "The radio meets all technical specifications." They did nothing to the radio. It appears that frequency shift on strong signals is a characteristic of the '2002.

(Dan Robinson, Nairobi, Kenya, in FRENDX of the North American Short Wave Association, May 1984) ...after using seven or eight 2002's here in Nairobi (yes, technology comes to East Africa quite rapidly but at a price of about $400 for a 2002) I have noticed clear unit-to-unit differences in selectivity and smoothness of fine tuning. The "pull" on SSB noted by a user in FRENDX is noted in every receiver with stronger stations the worse effected. There is also unevenness in the fine tuning control. Differences in voltages provided by batteries or mains also tend to add to the instability of the fine tuning wheel. May I suggest that SONY should do some redesigning to make this FT wheel more responsive, and less prone to drift or pull? Currently, the tuning of SSB signals, be they SWBC or ham stations, is difficult.

(from "World of Radio", 21 April 1984) You may recall a few weeks ago on "World of Radio" we had a demonstration that an ICF-2002 receiver demonstrated pulling -- that is, an unstable frequency when in the CW mode. Well, in CIDX Messenger, one person who heard that, Gene Sidor, reports that he has a 2002 and it does not display this problem. But some of them obviously do have the problem, so you'd better check carefully before purchasing if this is important to you.

ICF-2002/ICF-7600D (G Sharman, Hollywood CA) In addition to the equipment listed for the ICF-2002 (RIB 83 p 31), the ICF-7600D (in the package sold here) included the familiar AC-9 adaptor (distinguishable from the AC-9 W), a poorly duplicated copy of the English language manual, and the Japanese edition of WAVE HANDBOOK.

DON'T IGNORE SURPLUS (Al Smith, Wamsutter WY) There is a very nice LF/VLF receiver turning up surplus currently. LTV manufacture G286A, 3 through 420 kHz in 6 bands, AM/USB/LSB/CW good 500 kHz IF filters, small (8"x6"x8"), power requirements 24VDC at 90mA, circa 1968 aircraft & stuff/USAF usage.

GE WORLDMONITOR II (James C Cave, Princeton TX) In past letters I think I more or less promised a review of the GM WorM II multi-band portable. Well, to butcher an old Army expression (inversion plus other changes): that was no promise, that was a threat. With this letter I hereby relieve you of living under fear of that dire threat.

The bottom line: would I buy a WorM II again? Answer: I think so.

ICOM IC-R71A (overview by dpn) Readers who have been with Radio Equipment Forum for a while will recall the IC-R70 blowout taking almost all of a REF. This will not be done again for the 'R71A because in basic performance the radio does not offer a lot of change over the 'R70. What has been improved are a number of operational quirks.

No more end-of-band rollover. With the 'R70, travel near the ends of each 1 MHz band was treacherous in that the radio would flip to an adjacent MHz while displaying the MHz you thought you were in. No more. With the 'R71A you may sit in front of the radio and tune continously from 0.1 to 30 MHz without hitting any band switches, if you wish. The display displays properly, and the microprocessor senses what MHz you're in and switches in the necessary front-end filters automatically.

Narrow filter usable in diode detection, and this is switchable right from the front panel.

User determines sideband selected regardless of operating frequency. The 'R70 chose USB for you above 10 MHz and LSB below; you had to hit a "function" switch to invert this, and the radio would not remember your abnormal choice when you switched to the other VFO and back. Now the user chooses which sideband is received and the radio does not alter that when bands/vfos are changed.

Still necessary to retune between sidebands if you want to use your 'R71A's bfo and heterodyne detector to reduce selective fading in shortwave broadcast reception and jump between sidebands to avoid interference on one side. Keep in mind that although the 'R71A is clearly a step away from a radio-amateur-oriented receiver to the SWL market, it is based on the 'R70, which was just as clearly intended as an "option" for the ham who already owned an IC-720A transceiver. And recall that radio amateurs are almost exclusively the users of single-sideband voice modes, with only one sideband, LSB 7 MHz and below, and USB 14 MHz and above, used per band. Sideband switching is rare, therefore, in amateur usage, so likely it never entered the minds of ICOM designers to bother to program the microprocessor and the rest of the system to allow for the selection jump.

(As it is, I think that the number of SWLs who actually use heterodyne reception in the SWBC bands is small relative to those who complained enough to have ICOM incorporated inboard wide/narrow filter switching during diode detection. I say this for a number of reasons, one of which being the observation that most of the folks at a recent gathering of DXers/SWLs at Bob Bodell's place in Portland OR were surprised that I routinely tune the bands with the bfo on when scanning to see how conditions are -- they were interested in learning the technique. The reason for this is that with the bfo on, every carrier, no matter how weak and/or unmodulated, is audible in tuning, whereas if one scans with the diode detector in, a signal must be a bit heftier to make an impression on your ears or your S-meter. Hint: use USB when tuning from low ends of bands higher, and use LSB when tuning lower from the high ends of bands; you'll be able to stop before you tune past something this way.)

Slick full-color fact sheet available at dealers errs in that despite what it says it is impossible to key memory channels up from the keypad. The keypad adjusts frequencies only.

Stuart Russell of Seattle has taken me to task for blurting that the memory selector switch, which has less detents than memory channels to select, renders memory selection "no good for blind users" because there is no unchanging panel referent for a given channel relative to a position on the switch. I mentioned this to Rusty Whitney of Portland, OR, who owns an 'R71A and who took the trouble to produce for me a full copy of the 'R71A owner's manual. "No," said Rusty, "I think you're still right." Turns out that if you merely jiggle the memory selector in one detent position the shaft encoder connected thereto "falses" and selects all sorts of memory channels for you without your actually having moved the switch to the next detent. And despite the welcome addition for blind users of the optional voice frequency-readout, it appears that the only sure way for a blind user to know what channel he's on would be to laboriously read each memory channel electrovocally or -- get this -- turn the set off so whatever detent the memory selector is set to becomes "1"! The voice readout does not indicate memory channel number. Still, between the basic quality of the radio and its optional voice readout, along with the keypad frequency entry, the IC-R71A offers new hope for blind listeners that they might enjoy rapid frequency agility at long last -- off the shelf.

The 'R71A scan may be allowed to resume after a short hold, but only if you sift carefully enough through the owner's manual. Rusty Whitney writes: "Scan resume after 10 second pause failed to perform as described in manual section 5.4.4. Well, look on page 20, figure 7.3, and you'll see the Scan Stop Function Switch, not documented elsewhere. Yes; if you flip the switch, the scan restarts after 10 seconds per documentation"

NO RECEIVER INCREMENTAL TUNING, as you've read here before, which means one cannot zerobeat most carriers in heterodyne reception of SWBC.

This editor thanks Rusty Whitney for his manual copy and personal support, gh for a photocopy of a fine and detailed IC-R71A review from the DX Australia Technical Team, and Frank N Decker of Sycracuse NY for a lengthy personal review of the radio, for most of which we've not space here. I hope none of these folks, and perhaps others in the readership, will be miffed that the same long coverage afforded the 'R70 won't be given to the 'R71A. REF will continue to provide you with insights on the improvements on, quirks of, and modifications concerning the '71A relative to the '70, but aside from that there are other fish to fry. The 'R71A is an excellent radio and well worth the money asked. I won't be buying one because buying a new radio will not buy me time to use the two R-1000s I already own and which I already know are underused.

TRANSMISSION SLIPPING?

MOBILE SHORTWAVE RECEPTION (Phil Wettersten, Chillicothe OH) As I commute to work and am now on the road about 2 hours every week day, I read the RIB 86 "Mobile Shortwave Reception" with interest.

I would like to point out that Grundig makes (or at least they used to) a converter -- or adaptor -- called affectionately KWV 1000; a companion to their car radio WKC 4025 (and others). This is an eleven-push-button affair with only ten operating SW bands (13-90m) and the remaining button being the 'disable' switch. It is an "in-dash" unit, 7"x1¼"x3¼" in dimension.

As with all Grundig products in the USA these days, availability is a big problem. I have dropped them a line to ask this very question: "How can Americans buy the stuff?"

In the absence of a built-in solution, I would like to recommend some others (I have not tried the MFJs):

Equipment: 1 - antenna with magnetic base (CB-type) from Radio Shack; 1 - headphone (lightweight à la SONY walkman) with mono adaptor, also available from Radio Shack; 1 - battery-powered radio with provisions for the above.

Run the coax through the window. This is a good a solution as any for the short range; for the longer term, it is too much trouble to set up and tear down.

For the mobile listener, Kenwood's line looks good as their radios are inexpensive and can be had with a DC power cable complete with fuse and holder. R-600, R-1000, R-2000 are all nice -- but any portable will do. ►Radios with a noise blanker may be a bit more versatile during mobile reception; few portables have them◄

This gives a new meaning to 'drive-time' radio for me. I like Australia, Beijing, BBC and Moscow in the morning and Africa #1 in the pm. I do not believe, as your correspondent Eric Peterson does, that this setup limits listening significantly, but weak stations or drifters should be avoided for safety's sake.

I wholeheartedly recommend mobile SWLing and wish there were good dashboard radios more easily available in this country so that more SWLers could get interested.

If: DRIFT IN INDUCTOR/CAPACITOR OSCILLATORS (dpn) It may be that there is a lot to do to reduce drift in the tunable oscillators in such radios as the Rs -600 and -1000 and the FRG-7700. Quite understandably, mass production techniques, seeking to afford rapid and repeatable calibration of the VFO in these receivers, have resulted in the use of powdered-iron-slug-tuned inductors in oscillator circuitry. But even the best iron-core material has much less thermal stability than air -- and as the iron core in your receiver VFO expands and contracts your radio will drift. An avenue of experimentation awaits those who undertake to replace the powdered-iron-core inductors in their receiver VFOs with air-core coils...the reward of which may be greatly reduced initial drift and less random drift after stabilization.

Who: PERRY FERRELL PASSES (from an article in The Record of Bergen, New Jersey, Tuesday, April 24th, 1984, as anonymously contRIButed to "World of Radio") Oliver P Ferrell, 63, of Park Ridge, a former editor of Popular Electronics and operator of a mail-order house for electronics equipment was killed early Sunday (April 22nd) in an auto accident. According to police records, Ferrell and his wife, Jean, were westbound on the four-lane Orangeburg Road shortly after midnight when an eastbound car driven by Steven Pies, 20, of Piermont, went out of control and crashed into them. Orangetown PD captain Homer Wanamaker yesterday said that Pies apparently fell asleep while driving and was charged with two counts of driving on the wrong side of the road.

Ferrell, of 228 Capri Terrace, was pronounced dead at the scene, Wanamaker said, and Mrs Ferrell was transported to Nyack Hospital, where she was listed in satisfactory condition. Ferrell operated Gilfer Associates, Incorporated, a mail order house at 52 Park Avenue in Park Ridge.

(gh continued) "So our sincere condolences to the family of Perry Ferrell on their loss and our hope that Jeanie Ferrell is recovering satisfactorily."

THANKS TO RON KUMETZ, JR, N2ENW, Elmwood Park NJ, for background information early in the Uniden CR-2021/Radio Shack DX-400 source controversy. Ron tells us that Uniden has been in the radio business for some time already; for instance, Uniden makes some of the Cobra CB radios, and has built a number of CB radios for Radio Shack as well. The editor also thanks Ron for his sale to dpn of his unneeded copy of the service manual for the Yaesu FRG-7700 -- far better documentation of the 7700 than Kenwood provides of their

then-competitive R-1000.

JAMES G HERKIMER, Caledonia NY, editor of "Technical Topics" in the North American Short Wave Association's FRENDX, mentioned in passing that as radio amateur WB2ANO he uses a transceiver imported by Henry Radio some years back as the Tempo 2020 -- built by Uniden.

Why: (Neil I Saint, Senior Project Engineer, R.L. Drake Company) To the best of our knowledge, the R.L. Drake Company was the first manufacturer to apply the term Synchro-Phase detection to any AM detector circuit. The term, however, is not copyrighted or trademarked.

(J Robert Sherwood, Sherwood Engineering, Denver CO) You are correct about the R7 synchro-phase detector. The signal is merely amplified and limited a modest amount and injected into the local-oscillator port of the 1496 integrated circuit. We do the same with our D-1 option for the SE-3 AM detector. We tried using an FM chip to provide 60-plus deciBels of limiting into the LO port, and it did make the 1496 detect better on a lab signal, but when the carrier drops out on real air signals, the R7/D-1 detector puts out unintelligible garbage. Drake, by the way, has a lot of phase shift in their detector, and it has more distortion than it should for that reason.

(dpn) Malcolm Chisholm, Chicago, Illinois, from whom we'll hear more in future about a synchronous detector modification for the R7, takes me to task for trying to call it "synchronous heterodyne detector" and questioning Drake's use of "Synchro-Phase": "The term is synchronous AM demodulator. Has been for years. Stop with the funny language."

Well, it's just that for years I've seen spec sheets calling a circuit such as Drake's "Synchro-Phase" detector -- circuits in which the incoming AM signal is applied to one detector port and then limited before being applied to the other (thus ironing out amplitude variations and thus obtaining what is essentially an unmodulated carrier from the incoming AM signal) -- it's just that for years these things have been called "synchronous", and still are, in many spec sheets, such as those for video demodulator ICs. While it's true that on strong local signals with no fading the effect of this is that of generating a strong local carrier in synchronism with that of the signal, as soon as any fading occurs the results are those described by Rob Sherwood above. Such detectors give synch performance when receiving local AM and television (TV video is AM) but prove their non-synchronous nature when selective fading feeds the carrier port a mess of atmospheric slop.

What makes this even funnier is that later IC spec sheets go out of their way, when the chip involved does actually generate a local carrier and phase-lock it with that of the incoming signal, to trumpet that the chip in question affords "true synchronous detection" -- which I guess means as opposed to the fake 'synchronous' detection afforded by recombining the signal with its own limited carrier.

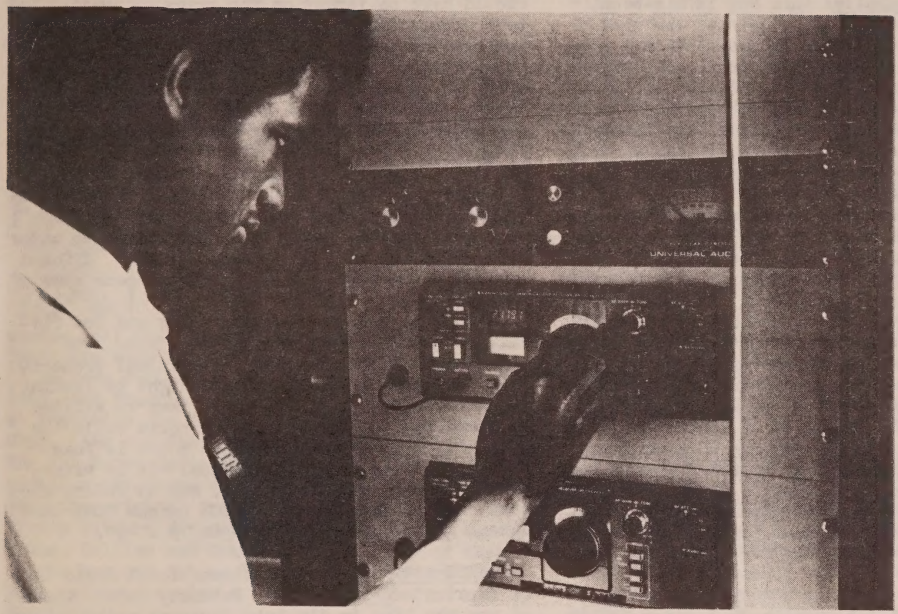
"Funny talk", nothing, then, Malcolm. What I am after is clear self-explanatory talk more or less untainted by industry hedging, and I am more than happy to synthesize new terminology to accomplish it. "Synchronous" means "phase locked" and nothing else, in electronics.

(Juan Carlos Codina, Lima, Perú) If you have a receiver that does not drift at all, that is rock stable, that doesn't need warmup or be kept always on, a receiver that doesn't need retuning at all under such conditions, with which you are able to do this even with filters as wide as 2, 3 or 4 kHz (I'm speaking, of course, only of ECSS reception), a receiver that is able to do the same with timers -- that is zero-beat the signal, shut off the receiver with the timer, and then automatically turn it back on again with the timer, all this without the slightest mistuning, why, then, need you spend money on a device like the Sherwood SE-3? It's possible that my receiver is an exception, a one-in-a-million sample, but really, all I've described above is fact. Of course, in Japan, sometimes I used other fellows' NRD-515s, and they were not as stable; they needed periodic retuning. I'm getting sick reading about the need to use the SE-3 with the 515, the modifications that supposedly are necessary in a 515, and so on, when I'm sure that the owners of 515s don't need to buy SE-3s or any other pieces of equipment like that -- really, the NRD-515 is great alone! Also, let me say that already I'm using a 3.2 kHz wide 8-pole crystal-lattice filter without any modification to the circuitry of the 515 without any signal losses, as is the case with the 515 modified by Sherwood. Only a little question, folks!

(dpn) Juan Carlos, first, I think it's a combination of things, all depending on one's point of view, that might make one say that such-and-such is necessary to achieve a certain level of performance. I've seen, through your contRIButions of South American DX news, that you possess skill and patience unenjoyed by most people who will ever own an NRD-515. There is a tendency for people with more money than talent to subscRIBe to a belief all too common in the USA: that if you throw money at a problem it will go away! I think that there is a large component of this in what people are saying when they say that they "need" yet another gadget for their radios.

As you have said, though, you already know that your radio is a star performer among others of the same model. Maybe owners of less-stable radios -- even other NRD-515s -- feel they want something that does the necessary retuning for them automatically. I suppose, then, that they feel encouraged to try something like the SE-3.

Something else has occurred to me, though, Juan Carlos. You may have already noticed this



PRÁIA CONTROL RACK. A Cape-verdian technician adjusts the shortwave receiver for monitoring news broadcasts. The rack also contains the 100-watt FM transmitter and a cassette recorder for taping off air. (from Cape Verde -- Development of Educational Radio, published by UNESCO, Paris 1981. The upper receiver is set to '21791' and the bandswitch of the lower to '3', likely for A Voz de São Vicente, then 3930 kHz, 1 kW)

in your periods of listening to barely-funded DX stations in South America: your receiver is probably more stable than many of the stations you listen to! And I think that as better circuitry moves lower and lower in price, more and more listeners may be more likely to own receivers as or more stable than some of the stations to which they listen, especially if those stations are in Central and South America, Asia and Africa. Perhaps phase-locking circuits would help for listeners using ECSS for music reception from rare low-powered local stations.

Finally, though, I think that, in future, the best reception systems for AM will tend toward use of detectors like the SE-3 because all receivers and transmitters drift somewhat. So with that in mind the question becomes one of how much mistuning a listener will tolerate, and whether or not that listener is willing to retune by hand. Since you are clearly motivated enough to do the proper tuning yourself, you don't need an SE-3. The SE-3 is for adventurous, lazy and/or picky listeners who feel they must have whatever the marketplace calls "the best."

As to your question concerning filter insertion loss, remember that unless Rob Sherwood is using the same make filter you have in your 515, there is likely to be a difference in loss if the filters are of different construction. And again, to some listeners the degree of insertion loss is very subjective, one fellow convinced more amplification is needed and another backing down the rf gain.

Have I helped, Juan Carlos? Don't let the SE-3 talk bug you if you already "have it made"!

THIS "GREY MARKET" BUSINESS (Larry Magne via Radio Canada International's "Shortwave Listeners' Digest" 14 April 1984) When one purchases a radio device made overseas, one normally gets it through an authorized firm, that is, it comes through a distRIButor or importer that has been authorized by the factory, and in turn that distRIButor or importer sells to retail dealers. Of course, they have their markup and their own way of purchasing things, they have their advertising costs -- and all these things are included in the selling price of the radio.

Now what some retailers have been doing in recent years is going overseas and buying radios independently of the distRIButor or authorized importer; of course, since the advertising cost and certain other costs are not included in that receiver, the price can be a little lower. And this has created what's called the 'grey' market.

(Ian McFarland:) So when you buy one of these grey-market receivers you're not getting the factory warranty that you would be if you went to a recognized dealer. Is that right?

(LM:) In most cases, no; in practice it tends to vary quite a bit, but in the case of most manufacturers they are trying to call a halt to this type of activity by not honoring the warranty. In practice, when you go to a local warranty shop, often they aren't aware of what set is a "grey market," and which one isn't, and sometimes they do honor the warranty anyway.

(IMcF:) Well, up to this point it's been my understanding that there was certainly nothing illegal about this, but apparently you've discovered that this is changing...

(LM:) Well, actually, in a way it has been, Ian. There's an unusal aspect of the law that hasn't been subject to much enforcement 'til recently. Now, the Federal Communications Commission in Washington in the United States tells me that as of March 5th, the Part 15 type approval equipment authorization no longer has to be obtained by submission of lab tests of sample radios. Rather, for all but certain types of receivers, such as scanners and wireless 'phones and certain security devices, the manufacturer merely has to register the make and model of a receiver and attest that it meets Part 15 specifications. Now: what's Part 15? Part 15 approval is required to insure that FM or TV receivers in the US will not create excessive spurious radiation within the VHF aeronautical mobile band. But with the proliferation of grey-market receivers, many of which create interference to the aeronautical communications system, the Commission has decided to concentrate less on the formalies of how non-grey-market models are registered with the US government and more on the widespread importation of radios that are completely unregistered; that is, the grey-market radios. What it comes down to is that as this enforcement is stepped up, fewer and fewer retailers are carrying grey-market receivers, and as a result of that, of course, the discount that one gets because it is a grey-market item will tend to diminish or vanish.

Now, the FCC Field Operations Bureau offices are the ones responsible for enforcing this, so we talked to the one in New York, where the grey market is most firmly established, and they tell me that they've been conducting enforcement -- what they call "sweeps" -- of retail and mail-order firms lately in New York which are carrying unregistered radios. Now, as of this point, New York alone had almost fifty retail dealers that were caught carrying unregistered radio receivers. And of these, some eight were caught for the second time and fined $2000 each. If those that have been caught twice are caught again, they now face fines of up to $5000 and possible Federal criminal charges as well.

Some firms have responded by moving their grey-market mail-order operations to cities other than New York, but sweeps are taking place nationwide, so if a firm moves the law treats it no differently than if it had stayed put. Being caught twice, in effect, doesn't matter where you're caught; you're still caught twice. This move against the grey market has been in the planning stage for some two years now, and is expected to be permanent, wiping out the grey market in FM and TV receivers, scanners, and overpowered cordless phones for good. However, a shortwave receiver without an FM band is not covered by Part 15 regulations and so can continue to be sold outside normal distRIBution channels without hindrance from the FCC. But as a practical matter the grey market has been limited to such popular consumer portables as the SONY ICF-2001, nearly all of which have FM bands. So while this affects those types of receivers, it should have no impact on the price or availability of communications receivers, most of which do not have FM bands.

As always, Americans travelling abroad can bring in an uncertified receiver, but otherwise, Ian, it looks as if the heyday of the radio grey market in the US is pretty well finished.

Where: (Wayne P Haggarty, WBØOKY, Arvada CO) I bought an ICF-2002 some time ago. Only things I dislike are no dial light and relatively high background noise. As I primarily listen to major broadcasters, the latter is acceptable. I found some small bulbs at a hobby shop and took care of the former.

I do a lot of walking, bicycling and bus riding, and carry the radio in a day pack. The "case" SONY supplies gives only minimal protection, and I though some readers might be looking for a better one, as I was. If they're willing to spend $12, Eastern Mountain Sports sells the "LOWE PRO OPTI II POUCH". This pouch is foam padded and made of Cordura nylon. It is waterproof (though not submersible, due to Velcro closure), and it fits the ICF-2002 (minus SONY case) like a glove. The "OPTI II" is 7½ x 4½".

JAPANESE PARTS (from the International Radio Club of America's DX Monitor, 4 February 1984) Those of you who like to dig into Japanese radios might be interested in the PanSon Electronics Japanese Parts and Accessories Price Guide. It's 1160 pages long and lists prices for over 560,000 parts for Japanese audio and video products (radios, TVs, tape recorders, etc) and 150,000 parts substitutions for Sony, Panasonic, JVC, Sharp, Hitachi & Quasar products. Cost is list $49.95, dealer $24.95. For more info, contact Ted Spero at (212)721-7615 or PanSon Electronics, 32-70 31 st Street, Long Island City, New York 11106.

UPPER- AND LOWER- SIDEBAND FILTERS (dpn) High-quality mechanical filters, 2.2 kHz wide at 3 dB down, are available from Rockwell International, Filter Products, Electronic Devices Division, 4311 Jamboree Road, Newport Beach CA 92660. The USB filter is #526-9897-010, LSB 526-9939-010; price around $90 each in March 1983. With these you put your BFO right on 455.000 kHz and switch filters to switch sidebands; the result of this is that no retuning between sidebands is necessary and, with receivers such as R-600/-1000 and the FRG-7700, numeric display will read correctly on either USB or LSB for stations on even kHz. Rockwell International also makes an accompanying DSB filter, 5.5 kHz wide at -3dB, #526-9920-010, price unchecked. Continue to intend to put some of these in my R-1000s here but don't get around to it. Should have same or less insertion loss than the ceramic filters already in radios above.

ONCE AGAIN, YOU HEARD IT HERE FIRST... (dpn) This, er, legend appeared on a Radio Shack desoldering tool package...

HAMMARLUND SERVICE (from a Ham-Ad in QST for May 1984, and this has been running for a number of years, I believe) Hammarlund - parts, service, manuals, literature, and other items of interest to collectors. Send $2 SASE for lists. Receiver service by former factory service manager. Wayne Cordell, K4HCS, Blue Ridge Communications, 770 New Stock Road, Weaverville NC 28787 704-645-7070

FILTERS FROM THE FOX-TANGO CORPORATION (dpn) Yaesu amateur transceivers bear model numbers beginning with FT -- I'll bet even quite a few receive-only shortwave people have heard of the famous FT-101 series, all the way up through the FT-101ZD Mk III. There are many others, HF through UHF. Well, a (I believe for-profit) 'club' of Yaesu owners exists, and through a shortening of the international phonetics for 'FT' it is known as the Fox-Tango Club. And the Fox-Tango Club is a subsidiary of the Fox-Tango Corporation. And the Fox-Tango Corporation offers an excellent selection of better-than-the-original replacement and optional selectivity filters for not only Yaesu but also Kenwood, Drake, Collins and Heathkit gear. Some of these can be 'dropped in' as if they were factory filters; others require a bit of modification and fiddling.

What interests me about Fox-Tango crystal filters, aside from the fact that with them one may make some worthwhile improvements to the selectivity options in some of the latest general-coverage -receiver amateur transceivers, is that the filters can also be used by from-scratch receiver builders and SWL receiver modifiers. For instance, I'm eyeing FT's #2969.1, which is intended as a high-performance replacement for the SSB filter in the Kenwood TS-930S transceiver but which, with its spec (at center frequency of 455.0 kHz) of 2.1 kHz, would probably be a vast improvement over the 2.7 kHz ceramic filter in such radios as the R-600, -1000, -2000 and the FRG-7700.

Other goodies are available as well: hard-to-find transistors and tubes, including paired final amplifier sweep tubes, receiver modification (improvement) kits for transceivers, and so on. Try an SASE for particulars to Box 15944, West Palm Beach, Florida 33416, tel 305-683-9587.

Help: FT-757GX (Martin W Croze, WØRVS) I have a Yaesu FT-757GX amateur transceiver with 500 kHz-30 MHz general-coverage receiver. I like the receiver but I would like to use both the IF shift and variable-bandwidth controls on "AM". By doing this, it looks like I would be able to have a narrow "AM" IF. The present AM is too wide (6 kHz at -6dB, 18 kHz at -60dB) but I would like to keep it. Maybe I need to change the "AM" filter. As of this very moment I am not sure if the shift does not work to some extent. The "AM" is about the same selectivity as the medium ("M") position on my FRG-7700. I have not compared the 757GX with the 'R70/'71A side by side, but the stability seems to be very good. I use the USB or LSB with the shift and width on AM; this gives me the "sharp" IF. I have the schematics but I am not able to read them well enough to know the operation of the shift/width controls. To me, the operation of the sh/wdth controls in the Yaesu book is not clear.

Is it possible to use the sh/wdth controls on "AM", with circuit changes? Maybe new filter?

(dpn) No experience here with the 757GX, Marty, although it's wildly interesting to me, what with its small size, low price (circa $735) and full break-in on CW. I do know that quite a few receivers offering both IF shift and AM diode or rectification detection can't offer them simultanously because the BFO must be on as part of the IF shifting process in many such receivers. Any help for Marty? He's at 6017 Drew Avenue S, Edina, MN 55410.

HAM-ORIENTED RECEIVERS FOR THE SWL (Lester Baskin, Toms River NJ) Could you at some point in future comment on the suitability of ham rx's (which ones and price range) to SWL, and a rough comparison in "quality"? Should SWLs/DXers buy ham rx's and get more for the money? Would this be additional pressure on SW rx mfrs to produce higher quality SWL receivers?

(dpn) I've thoughts on this, but would prefer a lot of detailed comment from subscRIBers on it. What say, folks? More on this, anyway, later.

A RARE ONE FOR SALE (Robert Pacyna, 3009 Warsaw St, Toledo OH 43608) I have a like-new shortwave radio I want to sell. It's a SONY model CRF-330K. Very large and heavy, with a built-in cassette recorder. Rarely used. Asking $1300. If anyone is interested, please write me; no phone calls. Thanks.

(dpn to Juan Carlos Codina, Peru) JRC NCM-515 controller: 0.1 kHz steps, not 0.01 kHz; no RIT, so RIT must be done on NRD-515; not a VFO, just controller w/keypad & a few memories, 6ft cable, $150

Additional Opinion ("A Mother's Advice" from Zen Flesh, Zen Bones, compiled by Paul Reps)

Jiun, a Shingon master, was a well-known Sanskrit scholar of the Tokugawa era. When he was young he used to deliver lectures to his brother students.

His mother heard about this and wrote him a letter:

"Son, I do not think you became a devotee of the Buddha because you desired to turn into a walking dictionary for others. There is no end to information and commentation, glory and honor. I wish you would stop this lecture business. Shut yourself up in a little temple in a remote part of the mountain. Devote your time to meditation and in this way attain true realization."

BROADCASTS IN ENGLISH

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All times and dates are in GMT=UTC; irr = irregular # = not confirmed recently, or frequent changes NAE = not all English; (+) = one hour later after current DST; (=) = one hour earlier during DST

R Norway says it will shift ± 5 or 10 kHz without notice but will try to make revisions on the 20th day of any month; also see notice in L I P.
R Finland does not use 17800 and 21465 on Tuesdays because of maintenance.

0000-0100 JAPAN R Japan 17825 15300
0000+0045 E GERMANY R Berlin International 11975 9730
0000-0025 ALBANIA R Tirana 9750 7065
0000+0025 ISRAEL Kol Israel 11655 9815 9440
0000+0030 CANADA RCI 9755 5960
0000=0030 HAITI 4VEH 4930 NAE
0000-0030 NORWAY R Norway Inter. 15180 15165 11870 Mon
0000-0030 PHILIPPINES R Veritas Asia 15280 15195
0000-0055 CHINA R Beijing 15520 15385 17795
0000-0100 BULGARIA R Sofia 11870 9700
0000-0100 JAPAN NHK,R Japan 17825 15300
0000-0100 USA VOA 21460 17820 17740 6873-USB #
0000-0100 USA WYFR 17895 11875
0000-0100 USSR RM 17700 15425 15140 12060 12050 11780 11770 11750 11735 9765 9720 9685
0000-0115 INDIA AIR 17790 #
0000-0200 SPAIN Spanish Foreign Radio 11880 9630
0000-0200 USA VOA 17730 15375 15205 11740 9650 9455 6130 5995
0000-0500 PHILIPPINES FEBC 15305
0000-0500 USSR RM 9600 (via Cuba)
0030+0100 HUNGARY R Budapest 12000 11910 9835 9585 9520 6025 Wed & Sat
0030-0115 BELGIUM BRT 11620 9925
0030-0130 ECUADOR HCJB 15250
0030-0230 SRI LANKA SLBC 15425
0030-0230 UKOGBANI BBC 11835 11750 9915 9515 7325 6175 6120 6020 5975
0030-0430 GUATEMALA TGNA R Cultural 3300 Mon
0030-0500 ECUADOR HCJB 15115 9745
0050-0110 VATICAN Vatican Radio 11845 9605 6015
0100+0130 HUNGARY R Budapest 12000 11910 9835 9585 9520 6025 Tue-Sun
0100+0200 TAIWAN V of Free China 5985 (via WYFR)
0100-0120 ITALY RAI 11800 9575
0100-0130 HONDURAS La Voz de la Mosquitia 4910 irr
0100+0130 ISRAEL Kol Israel 11655 9815 9440
0100-0130 JAPAN General Service/NHK 17755
0100-0150 W GERMANY V of Germany,DW 11785 9590 9565 9545 6145 6085 6040
0100-0155 CHINA R Beijing 15520 15385 17795
0100-0155 CZECHOSLOVAKIA R Prague 11990 9740 9630 9540 7345 5930
0100-0200 AUSTRALIA R Australia 15395
0100+0200 CANADA RCI 9755 5960 Tue-Sat
0100-0200 NICARAGUA V of Nicaragua 6017.4 irr
0100-0200 TAIWAN V of Free China 17890 15345 11825
0100-0200 USA AFRTS 21570 17765 15330 11790 6030
0100-0200 USA WYFR 11875 9715
0100-0200 USSR RM 18150 17720 16193 15425 15140 12060 12050 11780 11770 11750 11735 9765 9720 9535 7493
0100-0300 USA VOA 21460 6873-USB #
0100-0300 USA WRNO 7355 NAE
0100-0600 CUBA R Habana Cuba 15300 11930
0120-0510 BELIZE R Belize 3285 834 #
0130+0215 E GERMANY R Berlin International 11975 9730
0130-0140 GREECE V of Greece 11645 9865 9420 Mon-Sat
0130-0155 ALBANIA R Tirana 9750 7120
0130-0155 AUSTRIA ORF 9770 5945
0130-0330 GUATEMALA AWR 6090+Harmonics
0130-0400 USSR RM 9700
0145-0215 SWITZERLAND SRI 12035 9885 9725 6135
0145-0245 JAPAN NHK,R Japan 21640 21610 17825 15195
0145-0245 S KOREA R Korea 15575 11810
0200+0230 HUNGARY R Budapest 12000 11910 9835 9585 9520 6025
0200+0245 E GERMANY R Berlin International 9620
0200+0230 CANADA RCI 9755 5960 (Sun & Mon add 15190 11845 9535)
0200+0230 USSR R Kiev 17870 15405 11960 11720
0200-0255 CHINA R Beijing 15385 17795
0200-0255 ROMANIA R Bucharest 11940 11830 11810 9570 9510 6155 5990
0200-0256 S AFRICA R RSA 9615 6020 5980
0200-0300 ARGENTINA RAE 15345 11754.6 11710
0200-0300 BRAZIL R Bras 15290 Time varies
0200-0300 POLAND R Polonia 15120 11815 9525 7270 7145 6135 6095
0200-0300 USSR RM 18150 17720 16193 15425 15140 12060 12050 11780 11750 11735 9765 9720 9535 7493
0200-0330 EGYPT R Cairo 15370 9475
0200-0400 AUSTRALIA R Australia 17795 15395 15320
0200-0400 USA VOA 17730 15375 15205 9650 9455 6130 5995
0200-0430 USA AFRTS 21570 17765 11790 6030
0200-0600 USA WYFR 11875
0200-0615 IRELAND R Dublin 6910 Mon
0215-0230 UNITED NATIONS UN Radio 15435 10869-USB 10454-LSB Sat
0230+0315 E GERMANY R Berlin International 11890 11840 9560
0230-0245 PAKISTAN R Pakistan 17840 15150 7315 #
0230-0255 ALBANIA R Tirana 9750 7120
0230-0300 LEBANON R Lebanon 9660 #
0230-0300 SWEDEN R Sweden International 11705 9695 17840-SSB

0230-0325 NETHERLANDS R Nederland 9895 9590 6165
0230-0330 UKOGBANI BBC 11750 9515 7325 6175 6120 6020 5975 9915
0235-0435 COSTA RICA TIFC 5055 Mon
0253+0256 USSR R Yerevan 17860 15405 15180
0300+0312 HUNGARY R Budapest 12000 11910 9835 9585 9520 6025 Wed & Sat (Mon +0330)
0300+0400 USA R Earth 6185 via WRNO
0300+0400 USSR RM/WNAm 18150 17700 16193 15425 15405 15180 15140 12050
0300+0330 CANADA RCI 9755 5960
0300-0330 JAPAN General Service/NHK 17755
0300-0330 PORTUGAL R Portugal 11925 6060
0300-0330 SWAZILAND TWR 3245
0300-0350 TURKEY V of Turkey 11755
0300-0355 CHINA R Beijing 17795 15520 15385
0300-0355 CZECHOSLOVAKIA R Prague 11990 9740 9630 9540 7345 5930
0300-0355 POLAND R Polonia 15120 11815 9525 7270 7145 6135 6095
0300-0400 COSTA RICA TIFC 5055 Tue-Sun
0300-0400 HONDURAS HRVC 4820 Mon
0300-0400 HONDURAS R Luz y Vida 3249.5 Sun v
0300-0400 IRAQ R Baghdad 21585 9745 #
0300-0400 UGANDA R Uganda 15325 irr
0300-0400 USA VOA 7200
0300-0426 S AFRICA R RSA 9585 7270 5980 4990 3230
0300-0500 USA VOA/AFRICA 15752-USB 15600 15240 11835 10877.5-USB 7280 6035
0300-0500 USA WRNO 6185 NAE
0315-0330 FRANCE RFI 15435 15180 9790 9550 9545 7135
0325-fade ZIMBABWE ZBC 3396 Mon-Sat
0330-0355 ALBANIA R Tirana 7300 6200
0330-0355 AUSTRIA ORF 9770 5945 (Sun 0305-)
0330-0400 HONDURAS R Luz y Vida 3249.5 Mon v
0330-0415 UAE UAE Radio, Dubai 17775 15435 11730
0330-0430 GUATEMALA TGNA R Cultural 3300 Tue - Sun #/
0330-0430 S KOREA R Korea 15575 11820 9570
0330-0430 UKOGBANI BBC 6175 6120 5975
0340-0347 GREECE V of Greece 11645 9865 9420 Mon-Sat
0345-0400 FRANCE RFI 15435 15180 9790 9550 9545 7135
0345-1215 NEW ZEALAND R New Zealand 11960
0350-0410 ITALY RAI 17795 15330 11800
0355-0500 NETHERLANDS ANTILLES TWR 9535 Sun - Tue
0355-0600 NETHERLANDS ANTILLES TWR 9535 Wed - Sat
0400+0500 USSR RM/WNAm 15425 15405 15180 12050 11750 9580
0400/0100 LEBANON King of Hope 6215 or 6210 or 6225 [(/) = not audible continuously]
0400-0430 ISRAEL Kol Israel 15585 15105 12025 11655
0400-0430 NORWAY R Norway Inter. 9645 9565 Mon
0400-0430 ROMANIA R Bucharest 11940 11830 11810 9570 9510 6155 5990
0400-0430 TANZANIA R Tanzania 9749
0400-0455 BOTSWANA R Botswana 7295 4948 or 4848 or 4797
0400-0455 CHINA R Beijing 17795 15385 11650
0400-0500 AUSTRALIA R Australia 15395
0400-0500 BULGARIA R Sofia 11750
0400-0500 NICARAGUA V of Nicaragua 6017.4 irr
0400-0500 SEYCHELLES FEBA 15200 11800 Sat & Sun
0400-0500 USA VOA 15205 11925 9670 9575 7200 7170 6040 5995
0400-0600 USSR RM 9765
0415-0430 FRANCE R France International 15155 11995 11875 11705 9790 9550 7135
0430-0455 AUSTRIA ORF 9770 11665
0430-0500 SWITZERLAND SRI 12035 9725
0430-0515 SWAZILAND TWR 7305 5055 3200
0430-0630 UKOGBANI BBC 9510 6175 5975
0430-0700 USA AFRTS 17765 15330 11790 6030
0430-fade NIGERIA R Nigeria Educational Serv. 4933
0445-0500 FRANCE R France International 15155 11995 11875 11705 9790 9550 7135
0445-0958 NIGERIA V of Nigeria 15185
0500+0520 VATICAN Vatican Radio 11740 9645 6185
0500+0600 USSR RM/WNAm 15405 15180 12050 11750 11710 9580
0500-0530 NORWAY R Norway Inter. 15180 11870 11860 Mon
0500-0550 W GERMANY V of Germany,DW 11705 9690 9545 6120 5960
0500-0557 NIGERIA V of Nigeria 17800 15119v
0500-0600 JAPAN General Service/NHK 15300
0500-0600 SPAIN Spanish Foreign Radio 11880 9630
0500-0600 THAILAND R Thailand 11905 9655
0500-0600 USA VOA 15205 11925 9670 7200 7170 6060 6040 5995
0500-0600 USA VOA/AFRICA 15752-USB 15600 10880-USB 9670 7280 7170 6095 6035 5995
0500-0700 AUSTRALIA R Australia 17795 15395 15320
0500-0700 ECUADOR HCJB 11910 9745 6095
0500-0700 USA WRNO 6045 Sun NAE
0500-0800 NIGERIA R Kaduna 4770 NAE
0500-1000 PHILIPPINES FEBC 11890
0510+0610 TAIWAN V of Free China 5985 (via WYFR)
0515-0530 SWAZILAND TWR 7305 5055
0530+0615 E GERMANY R Berlin International 11890 9560
0530-0540 CAMEROON R Nationale 9745 5010 4000
0530-0600 PORTUGAL R Portugal 9575 6075
0530-0600 SWAZILAND TWR 7305 6070 5055
0530-0625 NETHERLANDS R Nederland 9895 9715 6165
0530-1215 NEW ZEALAND R New Zealand 9520
0530-fade GHANA R Ghana 4915 3366
0545-0600 UNITED NATIONS UN Radio 15105 11740 Sat
0555-0825 MALAYSIA V of Malaysia 15295 9750
0600+0700 USSR RM/WNAm 15180 12050 11750 11710 9580
0600-0615 SWAZILAND TWR 7305 6070
0600-0630 W GERMANY V of Germany,DW 11905 11765 9700

0600-0640 CAMEROON R Douala 4795
0600-0700 USA VOA 15205 15185 11925 9770 7325 7200 7170 6060 6040 5995
0600-0800 USA VOA/AFRICA 15752-USB 15600 11915 10869-USB 9670 9530 7280 7170 6125 6095 6080 6035 5995
0600-0800 USA WYFR 11920 11805 9852.5 9680 7355
0600-0900 COOK ISLANDS RCI 11760 NAE
0600/2400 SIERRA LEONE SLBC 5980 NAE
0615-0630 CANADA RCI 17860 15235 11960 11825 11775 9760 7155 6140 M-F
0615-0700 SWAZILAND TWR 11760 7305 6070
0625+0700 MONACO TWR 7160 #
0630-0645 CONGO RTVC 9715 #
0630-0700 POLAND R Polonia 9675 7270 6135
0630-0730 S AFRICA R RSA 17780 15220 11900 7270
0630-0730 UKOGBANI BBC 11955 9640 9510 6175
0630-0800 CUBA R Habana Cuba 11725 #
0645-0700 CANADA RCI 17860 15235 11960 11825 11775 9760 7155 6140 M-F
0645-0830 ECUADOR HCJB 11835 9655 (Sat & Sun 0700-0830)
0657-0955 PHILIPPINES R Pilipinas 9578 NAE #
0700-0720 NETHERLANDS R Nederland 21480 15560 11930 9895
0700-0730 AUSTRALIA R Australia 17795 15395 11910
0700-0730 SWAZILAND TWR 11760 6070
0700-0730 SWITZERLAND SRI 9560 9535 6165
0700-0757 NIGERIA V of Nigeria 17800 15119v
0700-0800 JAPAN General Service/NHK 21575 9505
0700-0800 LIBERIA ELWA 11830
0700-0800 MALTA Xandir Malta Calling 9670 Sat
0700-0800 USA VOA 15195 11925 9760 7325 7250 7170 6060 6035 5995
0700-0800 VIETNAM V of Vietnam 9840
0700-0900 USA WRNO 9585 Sun NAE
0700-0930 ALASKA KNLS 11940
0700+0940 MONACO TWR 9493 (Sun+1000)
0700-1000 ECUADOR HCJB 9745
0700-1100 ECUADOR HCJB 11925 6130
0710-0715 UNITED NATIONS UN Radio 17815 15245 11875 9565 7768.5-LSB Sat
0715+0720 W GERMANY (Bavaria) Bayerischer Rundfunk 6085 #
0715-0800 BELGIUM BRT 21810 9880 Mon-Fri
0730-0740 INDIA AIR 11935
0730-0800 AUSTRALIA R Australia 11910 11720
0730-0800 BULGARIA R Sofia 11720
0730-0825 NETHERLANDS R Nederland 9770 9715
0730-0900 UKOGBANI BBC 11955 9640 9510 9410
0730-1130 SOLOMON IS. SIBC, R Hepi Isles 9545 5020 NAE
0730-1402 AUSTRALIA Melbourne 9680 6150
0730-fade GUYANA GBC-2 5950 (sometimes 24 hours)
0800+0815 PORTUGAL AWR 9670 Sun
0800-0830 AUSTRALIA R Australia 11910 11720 9580
0800-0900 USSR R Tikhy Okean 7380 (5 minute English segment during this hour)
0815-0830 UNITED NATIONS UN Radio 17860 15235 15120 11740 9680 Sat
0815-0830 VANUATU R Vanuatu 7260 3945
0815-0900 OMAN R Oman 11890 9735 or 6085 #
0830+fade CANADA CKZU St.John's 6160
0830-0925 NETHERLANDS R Nederland 9715
0830-0930 AUSTRALIA R Australia 11720 9580
0830-1000 NIGERIA V of Nigeria 17800 15119v
0845-0945 JAPAN NHK,R Japan 15235 11875
0847-1030 GUAM KTWR 11840
0900-0915 AUSTRALIA Darwin 6840 USB
0900-0915 UKOGBANI BBC 9510 6195
0900-0930 JAPAN General Service/NHK 15195 9505
0900-1000 USA AFRTS 9590 9530 6030
0900-1200 USA WRNO 6185 Sun NAE
0900-fade JAPAN FEN,Tokyo 6155 3910
0930-1020 W GERMANY DW 9650
0930-1100 AUSTRALIA R Australia 9580
1000-1005 NETHERLANDS R Nederland 9510 6020 Mon-Sat
1000-1030 VIETNAM V of Vietnam 15012 12020 10040
1000-1100 INDIA AIR 17875 15170
1000-1100 USA AFRTS 11805 9700 9590 9530 6030
1000-1657 NIGERIA V of Nigeria 15118v
1000-fade AUSTRALIA Perth 6140
1000-1602 AUSTRALIA Perth 9610
1000-fade FALKLAND ISLANDS FIBS 2380 (Sun 1100-)
1015-1045 UNITED NATIONS UN Radio 15250 11090-LSB 9565 Sat
1030-1130 SRI LANKA SLBC 17850 15120 11835 NAE
1058+1300 CANADA CBCNS 6065 NAE
1100+1125 FINLAND R Finland 17800 15400 Mon-Sat
1100-1130 JAPAN General Service/NHK 15195 9505
1100-1130 VIETNAM V of Vietnam 15012 12020 10040 9839.3
1100-1155 CHINA R Beijing 15520
1100-1156 S AFRICA R RSA 25790 21535 15220
1100-1200 AUSTRALIA R Australia 9580 5995
1100-1200 S KOREA R Korea 15575
1100-1200 TAIWAN V of Asia 5980 Mon-Sat
1100-1200 UBSR RM 15135 15100 11770
1110-1235 NETHERLANDS ANTILLES TWR 11875 11815 (Sat-1337, Sun-1352)
1100-1250 N KOREA R Pyongyang 9977 9740/5
1100-1300 USA AFRTS 15430 15330 11805 9700 6030
1100-1300 USA VOA 11715 9760 6110
1100-1330 USSR RM 11840 (via Cuba)
1100-1330 UKOGBANI BBC 15215 15070 11775 11750 9740 6195 5965 (9510 at 1300-1330)
1115-1130 VATICAN Vatican Radio 21485 17840
1130-1155 INDONESIA RRI Yogyakarta 5047
1130-1230 THAILAND R Thailand 11905 9650/5
1135-1140 INDIA AIR 15320 11850
1145-1215 MALAYSIA R Malaysia Sabah 5980 4970
1200-1215 KAMPUCHEA V of the Kampuchean People 11938 9694
1200-1220 VATICAN Vatican Radio 21485 17840
1200+1225 CANADA RCI 17820 15440 11955 11855 9650 M-F
1200+1225 FINLAND R Finland 17800 15400 Mon-Sat
1200-1230 USSR R Tashkent 15460 11785 9715 9650 7340
1200-1235 MONGOLIA R Ulan Bator 12015 9615 Mon-Sat #
1200-1255 CHINA R Beijing 15520 11650

1200-1400 AUSTRALIA R Australia 9580 6060 5995
1200-1400 USA WRNO 9715 Sun NAE
1215-1245 JAPAN NHK,R Japan 15235 11875
1215-1430 ECUADOR HCJB 11740
1215-1530 ECUADOR HCJB 26020 17890 15115
1225-1230 SEYCHELLES FEBA 15325 11865
1230+1315 E GERMANY R Berlin International 21465
1230-1255 AUSTRIA ORF 15320 (Sun 1205-)
1230-1300 ALBANIA R Tirana 11960 9515
1230-1315 W GERMANY V of Germany,DW 21600 17800 17765 15410
1230+1425 FINLAND R Finland 17800 15400 Sun
1230-1430 SRI LANKA SLBC 15425 9720
1235-1245 GREECE V of Greece 15635 11645 9815 Mon-Sat
1245-1600 PHILIPPINES FEBC 15440
1300+2330 CANADA CBCNS 23440 11720 NAE
1300+1325 FINLAND R Finland 21475 15400 Mon-Sat
1300-1330 LAOS R Nationale 7035-7205 v
1300-1330 NICARAGUA R Zinica, Bluefields 6121 Sun #
1300-1330 NORWAY R Norway Inter. 21700 15175 Sun
1300-1330 USA VOA 11715
1300-1330 USSR R Peace & Progress 21725 21585 17765 17740 15515 15330 12065 11925 11845 11710 #
1300-1400 GUAM KTWR 9510
1300-1400 JAPAN General Service/NHK 11815 9505
1300-1400 USA VOA 15205 9760 6110
1300-1400 USSR RM 17810 15150 15135 15100
1300-1500 USA WYFR 9535
1300-1556 S AFRICA R RSA 25790 15220 9585
1300+1600 CANADA RCI 17820 11955 Sun
1300-1600 MALAYSIA R Malaysia Sabah 5980 4970
1300-1700 USA AFRTS 15430 15330 11805 9700
1315-1345 SWITZERLAND SRI 21520 17765 15570 12027.7
1330-1400 VIETNAM V of Vietnam 15012 12020 10040
1330-1420 NETHERLANDS R Nederland 17605 11935
1330-1500 INDIA AIR 15335 11810
1330-1500 UKOGBANI BBC 17705 15070 11750 9740
1330-2200 USSR RM 11840 (via Cuba)
1345-1400 S KOREA R Korea 15575
1400+1425 FINLAND R Finland 17800 15400 Mon-Sat
1400-1430 AUSTRALIA R Australia 11800 9770 9710 9580 6060
1400-1430 SWEDEN R Sweden International 21700 15190
1400-1430 USSR R Tashkent 15460 11785 9715 9650 7340
1400-1435 MONGOLIA R Ulan Bator 12015 7235 9650 Mon-Sat
1400-1445 BELGIUM BRT 21810 17610 Mon-Fri
1400-1500 MALAYSIA R Malaysia Sarawak 7160 4950
1400-1500 S KOREA R Korea 15575 9750 9570
1400-1500 USA VOA 26040 15205 9760 6110
1400-1500 USA WRNO 11965 Sun NAE
1400-1500 USSR RM 17810 15455 15150 15135 9790 7290 7175 6050 6020 5900 15100
1430+1500 YUGOSLAVIA R Yugoslavia 15415
1430-1500 PHILIPPINES R Veritas Asia 15215 11955
1430-1520 NETHERLANDS R Nederland 21480 17605 11740
1430-1600 AUSTRALIA R Australia 11800 9770 9710
1430-1600 BURMA BBS 5985
1435-1520 NEPAL R Nepal 9590 5005
1445-1520 MONGOLIA R Ulan Bator 12015 7235 Mon-Sat
1455-1558 NIGERIA V of Nigeria 11770v
1500-1530 TAIWAN V of Asia 5980 Mon-Sat
1500-1530 UKOGBANI BBC 21640 Af Serv.
1500-1550 W GERMANY V of Germany,DW 21600 15135 11965
1500-1600 ETHIOPIA V of Revolutionary Ethiopia 9560
1500-1600 GUAM KTWR 9535
1500-1600 INDONESIA V of Indonesia 11790
1500-1600 JAPAN General Service/NHK 21695 11815 9505
1500-1600 USA VOA 26040 15205 9760 6110
1500-1600 USSR RM 15455 9790 7290 12050 15100
1500-1607 SEYCHELLES FEBA 11895
1500-1700 USA WRNO 11965
1500-1700 USA WYFR 11830 9535
1500-1730 JORDAN BSHKJ 9560
1500-1745 UKOGBANI BBC 15070 11750 9740
1530-1540 INDIA AIR 10335 7412
1530-1600 SWITZERLAND SRI 17830
1537-1545 CANADA RCI 15325 (17820 except Sun)
1540-1550 GREECE V of Greece 15635 11645 9815 Mon-Sat
1545-1600 VATICAN Vatican Radio 17730 15120
1600-1616 PAKISTAN R Pakistan 21510 15325 11670 9865 # 17680
1600-1630 NORWAY R Norway Inter. 17740 Sun
1600-1630 PORTUGAL R Portugal 21685 Mon-Sat
1600-1630 VIETNAM V of Vietnam 15012 12020 10040
1600-1700 S KOREA R Korea 11810 9870 5975
1600-1700 USA VOA/AFRICA 26040 26000 21680 21485 19480 17870 15600 15445 15410
1600-1700 USSR RM 15455 11860 9790 9710 7290 7175 7150 6050 6020 5900 15100
1600-1709 UKOGBANI BBC 15260 11775 (Sat & Sun 1500-1745)
1600-2000 USA WINB 17730 NAE
1605-1655 FRANCE RFI 21685 17795 17620 15315
1615-1700 UAE UAE Radio, Dubai 21655 15320 15300
1615-1745 UKOGBANI BBC 21470 Afr Serv.
1630-1700 USSR R Peace & Progress 15520 15500 15490 15175 12000 11880 11755 11715 11690 #
1630-1730 JAPAN NSB 9595 6055 3925 Sun NAE
1645-1700 CANADA RCI 17820 15325 (17820 ex.Sun)
1645-1745 PAKISTAN R Pakistan 11667.5 9815 #
1700-1715 ISRAEL Kol Israel 13720 11590 9920
1700-1730 JAPAN General Service/NHK 11815 9505
1700-1730 NORWAY R Norway Inter. 15225 15205 15175 Sun
1700-1800 ARGENTINA RAE 15345
1700-1800 USA AFRTS 15430 15345 15330 9700
1700-1800 USA VOA/AFRICA 26040 26000 21680 21485 19480-LSB 17870 15877.5-LSB 15600

15445 15410 15205
1700-1800 USA WYFR 21615 17845 15566 15440 11830 9535
1700-1800 USSR RM 12010 11860 9790 9710 7440 7290 7175 15100
1700-1900 USA VOA 15205 11760 9760
1700-2100 NIGERIA V of Nigeria 11770v
1700-2100 SAUDI ARABIA BSKSA 11855/50
1700-2100 USA WRNO 15420 or 15140 or 17775
1730-1830 SPAIN Spanish Foreign Radio 15525
1730-2000 ALASKA KNLS 11790
1745-1815 SRI LANKA SLBC 11800
1745-2230 INDIA AIR 11620
1800+1930 LIBYA R Jamahiriyah 15450 time varies
1800-1000 KIRIBATI R Kiribati 14802 9825 NAE v time varies
1800-1830 CANADA RCI 17820 15260 (Sat & Sun -1900)
1800-1830 VIETNAM V of Vietnam 15012 12020 10040
1800-1857 NIGERIA V of Nigeria 17800 15119v
1800-1900 GUINEA V of Revolution 15310v Sun irr
1800-1900 S KOREA R Korea 15575
1800-1900 USA WYFR 11830
1800-1900 USSR RM 12010 11860 9710 7440 7290 7170 7150 15100
1800-2100 KUWAIT R Kuwait 11675
1800-2200 USA AFRTS 17765 15430 15345 15330
1800-2200 USA VOA/AFRICA 26040 26000 21680 21660 21485 19480-LSB 17870 15877.5-LSB 15600 15445 15410 15205
1810+1830 BELGIUM BRT 15590 Sun
1815+1900 BELGIUM BRT 15590 Mon-Sat
1815-1845 SWITZERLAND SRI 17850 15125 12035
1830-1840 UNITED NATIONS UN Radio 21710 20060-LSB 18782.5-LSB 15360 15120 Fri
1830-1900 LEBANON R Lebanon 11890 # irr
1900-1930 AFGHANISTAN R Afghanistan 15077v 11960
1900-1930 CANADA RCI 17820 15260 M-F
1900-1930 CANADA RCI 17875 15325 11825 (Sat & Sun -2000)
1900-1930 ISRAEL Kol Israel 15585 13745 12027.6 11655 9815
1900-1930 JAPAN General Service/NHK 11815
1900-1930 NORWAY R Norway Inter. 15175 Sun
1900-1930 VIETNAM V of Vietnam 15012 12020 10040
1900-2000 ECUADOR HCJB 26020 21477.5 17790
1900-2000 USA WYFR 11830 9535
1900-2100 USSR RM 9710 9580 7440 7290 6020 (British service: 15100 9765)
1900-2200 USA VOA 11760 9760
1920-1930 GREECE V of Greece 15635 11645 9420
1930-2000 BULGARIA R Sofia 11720 9700
1930-2000 UNITED NATIONS UN Radio 21710 20060-LSB 18782.5-LSB 15360 15120 Fri
1930-2020 W GERMANY V of Germany,DW 17705 15150 11785 9700
1930-2030 IRAN V of the Islamic Republic of Iran 11930 9022/8978 v
1930-2030 SPAIN Spanish Foreign Radio 15375 11690
1935-1955 ITALY RAI 11800 9710 7275
2000-2030 ALGERIA R Algiers 17745 15215 15159 9685 9640 9510 #
2000-2030 CANADA RCI 17825 17820 15325 11960 M-F
2000-2030 NORWAY R Norway Inter. 15205 15175 Sun
2000-2100 USA WYFR 21615 21525 17845 15566 15440 11830 9535
2000-2115 UKOGBANI BBC 15070 11750 6175
2002-2245 USA WINB 15185 NAE
2005-2010 USSR R Tikhy Okean 7380
2010-2140 CUBA R Habana Cuba 15175#
2030-2100 VIETNAM V of Vietnam 15012 12020 10040
2030-2115 MALTA IBRA Radio 9510
2030-2120 NETHERLANDS R Nederland 17605 15560 11730 9715 9540
2030=2130 SPAIN Spanish Foreign Radio 15375 11690 [i.e., now at 1930-2030]
2045-2100 VATICAN Vatican Radio 15120 11760 11700 9625
2050-2140 CUBA R Habana Cuba 17750 17705
2100-0330 NEW ZEALAND R New Zealand 17705 or 17710
2100-2115 CAMEROON R Nationale 9745
2100-2130 JAPAN General Service/NHK 11815
2100+2145 BELGIUM BRT 11695 5895
2100-2145 UNITED NATIONS UN Radio 17730 15120 Fri
2100-2156 S AFRICA R RSA 11900 9585 7270
2100-2200 AUSTRALIA R Australia 15395
2100-2200 HONDURAS La Voz del Junco 6076 Mon - Fri
2100-2200 NIGERIA V of Nigeria 17800 15119v
2100-2200 USA WYFR 21525 17750 15440 11830 9535
2100-2300 USA WRNO 11965
2115+2130 YUGOSLAVIA R Yugoslavia 9620
2115-0515 NEW ZEALAND R New Zealand 15485
2115-2200 UKOGBANI BBC 15070 11750 6175
2115-2245 EGYPT R Cairo 9805
2130-2200 BULGARIA R Sofia 11850 11750 9700
2130-2200 CANADA RCI 17820 15150 11945 (Sat & Sun add 17875 15325)
2130-2200 ECUADOR HCJB 26020 21477.5 17790 15295
2130+2200 ISRAEL Kol Israel 15585 13745 12027.6 11655 9815
2130-2200 UKOGBANI BBC 12040 11820 9915 9515 Tue & Fri Falklands Serv.
2130-2225 IRAQ R Baghdad 9610 [may be 2030-2125]
2130-2300 LIBYA R Jamahiriyah 11815 time varies
2131-2200 USA KGEI 15280
2145-2215 SWITZERLAND SRI 15570 12035 11910 9885
2200+2230 USSR R Vilnius 17860 15405 1518011960 11720
2200-0100 AUSTRALIA R Australia 15395 15320
2200-2225 ITALY RAI 11800 9710 5990
2200+2230 CANADA RCI 9755 5960
2200-2230 NORWAY R Norway Inter. 15180 Sun
2200-2250 TURKEY V of Turkey 11755
2200-2300 CANADA RCI 15325 11960 M-F
2200-2300 S KOREA R Korea 15575 7550
2200-2300 UKOGBANI BBC 15070 11750 9915 9590

6175 6120 5975 15420
2200-2300 USA AFRTS 21570 17765 15430 15345 15330
2200-2300 USA VOA/AFRICA 26040 21680 21660 21485 19480-LSB 17870 15600 15445 15415
2200-2300 USA WYFR 21525 17750 15440 11830
2200-2300 USSR RM 17700 15425 15140 12060 12050 11850 11790 11780 11770 11750 11735 9765 9685
2200-2400 USA VOA 26000 21460 17820 17740#
2215+2300 E GERMANY R Berlin International 9620 9600 6020
2230-2300 ANGOLA R Nacional 19070 9535 Mon - Fri irr
2230-2300 POLAND R Polonia 7215 6135 5995
2230-2330 BULGARIA R Sofia 11870 9700
2230-2330 MALTA R Mediterranean 6110 #
2247-0330 USA WINB 15145 NAE
2300+0100 LUXEMBOURG RTL 6090
2300+2330 CANADA RCI 11710 9755
2300-0100 USA AFRTS 21570 17765 15430 15330 11790
2300-0100 USA WRNO 9705 NAE
2300-0100 USSR RM 18150 16193 15425 15140 12060 12050 11790 11780 11770 11750 11735 9765 9720 7493
2300-1000 PHILIPPINES FEBC 21475v
2300+2330 ISRAEL Kol Israel 11655 9815 9440
2300-2330 JAPAN General Service/NHK 17755
2300-2330 SWEDEN R Sweden International 15270 11710
2300-2400 PHILIPPINES FEBC 15450
2300-2400 USA WYFR 21525 11875
2300-2430 UKOGBANI BBC 15070 11750 9915 9590 7325 6175 6120 5975 15420 11910
2300-2450 N KOREA R Pyongyang 15231 9745
2315+2400 E GERMANY R Berlin International 11975 9730
2330+0000 CANADA RCI 9755 5960 Sun-Fri
2330+0507 CANADA CBCNS 6195 NAE (Sat/Sun 2300-)
2330+2400 USSR R Kiev 17860 15405 11960 11720
2330-2400 VIETNAM V of Vietnam 15012 12020 10040
2335-2345 GREECE V of Greece 11645 9865

24 hours CANADA CFCX Montreal 6005
24 hours CANADA CFRX Toronto 6070
24 hours CANADA CHNX Halifax 6130
24 hours CANADA CKFX Vancouver 6080

NOTE: R Moscow daytime schedule not received by press time (May 19), so most frequencies shown are for winter; those underlined, however, have been confirmed by monitoring. Aside from this, our B.I.E. schedule emphasizing practical North American listening is the most accurate and up-to-date available. Beware of imitations! We have not consulted them, but they have probably copied our information, freely available in advance by broadcast. Here, you get it from the source. We demand that imitators do their own research, as we do. A last-minute computer printer problem required us to use this somewhat fuzzy carbon copy 'original'; sorry.

TIME CONVERSION: New shortwave listeners are urged to immediately become familiar with how UTC/GMT relates to their own local time, perhaps assisted by dedicating one clock to UTC/GMT. Subtract the following to convert to local time: NDT 2½h. ADT 3h. NST 3½h. AST/EDT 4h. EST/CDT 5h. CST/MDT 6h. MST/PDT 7h. PST/YDT 8h. YDT/AST 9h. HST 10h.

DX LISTENING DIGEST

CUBA [non]. La Voz del CID on new 10041v, sometimes all-night, almost all-day, exact sked varying but extensive (gh, Jim Conrad, Ed LaCrosse, Gary Hickerson, Dan Greenall)

KOREA SOUTH [Received too late for inclusion in BIE] R Korea's complete 15-min EG "World News Service" sked: 1715 & 1745 on 5975 15575. 2015 on 7275. 2315 on 6480. 2345 on 6480 7275 7550 and 15575. Every half hour 0015 thru 0215 & 0315 thru 0645 on 7275. 0815 & 0845 on 9570. 0915 on 7275. 1015, 1045, 1215 on 7275. 1245 on 7275 11805. 1345 on 15575. 1445 on 7275 and 11805 (via Jeff Elson, Brookfield MO)

SAIPAN KFBS still testing with music and IDs, but apparently new set of frequencies for J84--monitored 1600-2000 on 11745, 0700-0815+ on 11820. (Ed LaCrosse, Redding CA)

SWEDEN Special events ham station 7SKØAC will be active from Stockholm during the EDXC Conference June 8-10, as from 1500 UTC June 8, and at various times the next two days, using 14060 21060 CW days & 3550 CW nights; 14320 21350 SSB days, 3700 SSB nights; also 2m. Fully endorsed QSL available thru RSI. Among the ops may be Victor Goonetilleke and Wolf Harranth (via WDXC Contact)

SWITZERLAND Red Cross Broadcasting Service is on a new monthly sked centred around the last Sunday (e.g. May 27). Eu Sun 1100-1240 7210 EG/FR/GM/SP. Mon 1700-1840 same. Sun 0940-1026 EG/FR/PT WAf 17795, EAf 21630. Sun 0940-1010 EG/FR As/Au 21520 & As 17830. Sun 1545-1615 As EG/FR 17785 [this may be best chance to hear it in NAm in EG]. Preceding Friday in AR 1000-1020 NAf 15430, NE 17830; 1700-1720 NE 17750. Following GMT Mon to CAm in SP 0000-0020 & 0200-0220 on 11715. All 150 kW except 15430=250; all direxional except 7210 (PTT via gh)

U S A Another special ham stn, at the Louisiana World's Fair, New Orleans, thru Nov 11, K5WF. No sked given but QSL for SASE to LA Amateur Radio Exhibition, 221 Highway Dr., Metairie LA 70121. Visitors to fair can see demos of color SSTV, CW, computer & satellite modes, and send free messages --also on display thru mid-Aug are Marconi artifacts, rotary spark gap xmtr, magnetic detector.

U S S R Broadcasts in Russian from USSR and elsewhere, computer printout in graph format, updated to May 15, available for SASE in US or 1 IRC overseas from: Paul Graveline, 9 Stirling St., Andover MA 01810.

PROPAGATION OUTLOOK The least disturbed geomagnetic field is expected June 3-4, and 7-9 (SESC)

(edited by gh)

REPORT FROM PERÚ

From Juan Carlos Codina, Lima
(covering April 1-16, 1984)

16720.0 SPAIN Radio Exterior de España instead of on 17720, vacant, Sunday service 15/4 from as early as 1600 to 1700*. Normal AM, so they push the wrong buttons? Also heard on //15395.

15435.0 GUIANA FRENCH R Francia Internacional relay, 2/4 beginning relay to Argentina, Bolivia, Chile and Perú, South American service, 2200-0200. Very poor signal as is 15180. But France-based signals on 9790 & 11995 continue to give reliable and very good signals [gh: how can you, or any of us be certain of sites for this? Apparently not announced, and satellite-delay factor apparently being deleted due to artificial delay introduced via sites in France. Of the total set of frequencies, two of them could well be via Gabon, as I thought 9790 and 15435 were at one time]

10680.2 ARGENTINA R Rivadavia, LSB reduced carrier now as is 5882 evenings. Also feeder directed to Argentine Antarctic, only on LSB (full SSB) without signals on USB, as was usual in past. (10680.2 and 15780 feeders only Saturdays, Sundays, holidays)

10243.0 PERÚ R Yuracyacu not hrd last two or three weeks, at least in evenings, as of 16/4

8199.6 PERÚ R Nacional del Perú, 854 kHz, puts weak signal here all day; perhaps spurious?

6814.6 PERÚ R Nuevo Edén, Celendín, Cajamarca, reactivated, first hrd 2/4 0130; had not been heard since early January. Now also as then announcing "transmisión en calidad de prueba", but soon to be operating regularly. Good news! Announces frequency as 6815; lots of IDs, but faint signal. Heard again 7/4 0020, but not daily

6548.4 ECUADOR Radio RJ-1, La Voz de la Juventud, Gonchanamá[sic], Loja, as usual hrd 14/4 0100

6364.2 PERÚ Radio Moderna, Moyobamba, closing at 2352 with usual announcement to return next day at 1030 UTC; after that, National Anthem [7/4]

6210.1 unID Seems to be some kind of jammer, but with voice in DSB, No carrier, with two different voices, a female and male, both seemingly in Russian. At some moments CW IDs. But very strong and clear, so I suppose located in western hemisphere. Perhaps a Nicaraguan jammer against contra pro-Pastora station? No noise, only voice jammer, 14/4 0100-0300; totally ununderstandable on AM. Any ideas? Also heard in States?

5955.2 PERÚ R Huancayo, Huancayo, now 24 hours on SW, becoming the second Peruvian 24h on SW; the first is R Inca del Perú, Lima, 4762.7 [early April]

5882.0 ARGENTINA R Rivadavia, reduced carrier LSB, as opposed to usual RCUSB, now 7/4 2300 on LSB

5802.4 PERÚ R Acunta, Chota, Cajamarca, reactivated, first hrd 8/4 at 2350 check, gave sked as *1400 -0000*. Very good signal, 10 over 9, very well modulated. Male announcer w/very bassy voice, seems professional; totally changed from former operations several months ago; now seems also to have new transmitter, better programming. Cajamarca huaynos all around. Many different canned IDs seem to be made in Lima, as usual with many provincial stations, ordering IDs with Lima announcers. So many times you could hear the same voice and same type of ID on different stns. Some of the IDs heard: "Acunta, la radio con corazón grande". "Acunta, la radio total, la que te quiere mucho, con más información y cariño para sus oyentes." "Acunta, Acunta, siempre más que las más." "Acunta, es tuya, y te quiere". Conflicting with announced schedule, heard Sunday till 0200. From its present power, I suppose it will now be reported elsewhere. Hope will continue in this way. Another ID: "Acunta, la radio que sabe estar en la cumbre," and "Acunta, la mejor, porque sabe llegar". "La doble frecuencia, transmitiendo en los 1530 kilohertz onda media, y los 5800 kHz onda corta." One ID which was not canned: "Radio Acunta del Perú, transmitiendo desde la zona andina, y con mucho cariño para tí". Telling listeners to hear them in "La banda número 2 de su receptor," assuming that all listeners have the same receivers they do, surely misleading them. Stable signal; apparently first day on the air in its new activity. Seems to be 1400-2400 weekdays only; extended sked on weekends. Later with progressively distorted signal. Lots of woodpecker QRM, too. Later back on till 0440, perhaps testing? Moving slightly to 5802.5. No IDs at all during this period, and abrupt shutoff, so surely testing. Following days heard with very good signals till 0000. Sunday 15/4 to 0107, so better day to try for them when on later [GMT Monday]. Program to 0100 is PEDIDOS MUSICALES, excellent sig, closing 0107 with music from the film "Lo bueno, lo malo y lo feo"

5756.1 unID Latin American stn, very low power, first hrd 14/4 0115, very poor, seems to be Colombian cumbia music; reminds me of the now inactive Colombian I doscovered last year on 5750.6, Emisoras Nuevos Horizontes, Nariño. Perhaps same stn? More news later.

5738.0 PERÚ Radio San José, Cajamarca, not hrd during last two or three weeks, at least evenings 15/4

5572.9--5560.3 PERÚ [R Ñandutí] Bambamarca, Cajamarca, hrd here as usual, around 2200, good signal, but totally distorted as usual. Tropical music, later huaynos. 2230 lots of ads for Bambamarca stores. After 10 mins of ads, closing w/brief announcement at 2241. But what surprised me was that in this annt I heard ID as "La nueva radio San Francisco..." so either they change name, or previous ID of R Ñandutí is a mistake; 7/4. [As I pointed out, Ñandutí unlikely in Quechuacountry]

5531.7 PERÚ R San Francisco, Bambamarca, Cajamarca, clear ID this way, better modulation, varying to around 5520. Lots of ads for Bambamarca stores, 15/4 2145-2220*

5450.5 BOLIVIA R Machupo, San Ramón de la Ribera, hrd regularly at late afternoons and evenings, but

1/4 at 2345 with amazingly good signal, nearly S9. Evangelical music

5359.7 PERÚ R Visión, Juanjuí, reactivated! after nearly two months, first heard 1/4 at 2345

5264.0 PERÚ unID new station, in Bagua, Amazonas, first noted 14/4 2330 with Mexican mx, perhaps evangelical songs, not sure. S9 signal, but very well modulated. Some CW QRM. 2345 Cajamarca huaynos. Signal later improving to 10 over 9. Announcing 5260, "en calidad de prueba". Also said "para todo el nororiente peruano...una señal nueva". After 0015 very good orchestrated Andean music. Really very good music! Sometimes with cuts in audio. Announcing they are located "en las orillas del Río Utcubamba". Sometimes dropping to only S6. Heard till 0300. Following day as early as 1600 till 2200. Lengthy announcement copied 14/4, repeated several times by live announcer, but not mentioning any name for stn--perhaps still undecided? "...En el aire por primera vez, en las orillas del Río Utcubamba, Provincia de Bagua, Departamento de Amazonas, República Peruana, una emisora en la frecuencia 5260 kilociclos, onda corta, banda de 60 metros, en calidad de prueba, para todo el nororiente peruano, muy pronto saldremos al aire, al servicio de la colectividad y al gusto de cada uno de ustedes, en nuestra frecuencia, 5260 kilociclos. Una señal nueva en su dial. Siga usted escuchando EN EL RINCÓN DE LA MÚSICA FOLKLÓRICA." Again 16/4 from about 2330, nice folk music, slightly distorted signal, very stable, 10 over 9. After 2345, the oddest thing ever heard--evangelical songs composed above such. Peruvian music as "El Cóndor Pasa" or over boleros. Believe me! No ID heard till 0040

5225.0 unID Number Station, 15/4 0404 w/Central Asian music, really very nice, bird songs, lot of rhythm, repeated several times; 0407 begins numbers in language I can't understand, in random order --the numbers were called: uno, dois, treis, cuatru, six, uoc, noua, chafte, chette, cero. What language is this? Can anyone recognize? Perhaps Sranan-tongo? At end the words "Terrminadou, terrminadou" at 0413, then the music again. Last hrd 17/12 at same hour, with same music and numbers but on 5890 USB, and this is on AM. 0419 music stops, numbers again. Very powerful; I suppose from music and rare language this could be intended for Surinam. Off the air at 0430* [not Romanian? gh]

5165.1v PERÚ R Yungay, Yungay, Ancash, first heard 15/4 1645 with tropical music, fair signal; must be near Lima because signal is so good in local afternoons. Slightly distorted, sometimes. Also pops in English, salsa music. Later ID as Yungay, so that explains clear signal here. Announcing 5160, its 5th change already. At 2000 Quechua program, very nice Ancash music played on harp; till past 2145, also noted following days. 16/4 to 2340*, seems regular schedule; later move to 5164.3

5120.4 PERÚ R Mundo not heard during last two or three weeks, at least in evenings, as of 16/4

5014.9 ECUADOR Escuelas Radiofónicas Populares, seems to have new transmitter, because now heard in Lima with 20 dB over 9 signals, very well modulated too. By the way, hrd Monday 9/4 at 0150-0205 with program dedicated to Chilean Resistance to the pro-imperialist Pinochet dictatorship, with heavy tones directed to the supporters of Pinochet, that is, the United States. After 0205, began to comment on the Central American situation, again pointing to you-know-who as the culprit there. With poems, songs, etc., very nice program, with very good style and high level content. Name of program is AMÉRICA LATINA HACIA SU LIBERACIÓN, till 0210; beginning time unknown so far

4710-4692 ECUADOR The station previously reported tentatively as Lz Voz de Guaitas, is really La Voz de Bolívar; not hrd since early December, but rechecking an old tape made at that time, I heard a previously missed very clear ID as "LV de Bolívar". Another interesting thing related to this station is that they have an English program 0130-0200, at least some days of the week. Anyway, very distorted signal and not heard since last December. Sorry for the mistake.

4500.6 ECUADOR Radiodifusora Gonzanamá[sic] again heard here 14/4 0055 with amazing 20 dB over 9 sig. As usual, at the mike is the excellent announcer tht always works there; he is also the manager. Announcing "Radiodifusora Gonzanamá y su frecuencia de oro". But do they really know their frequency? See 4271. One slogan: "La superestación"

4317.0 PERÚ R Tumán, Chiclayo, third harmonic is back here, previously in the last weeks on 4187.5

4271.0 ECUADOR Radiodifusora Gonzanamá[sic], seems they can't makeup their mind, because 16/4 here instead of yesterday's frequency of 4500.6 Here poor, however, compared to 4500.6 [qv]

4020.3 PERÚ Radio Ayacucho, Ayacucho, very strong third harmonic here, nearly like a shortwave operation, noted 7/4 2330. At same time, slightly lower level third harmonic of Radio Tropical, Tarapoto, on 4020.4. I suppose both signals must be heard in the States

3906.3 PERÚ Radio Nuevo Cajamarca, San Martín, the travelling signal of this station is now here 7/4 at 2330, moving upwards. At same time, R Huamachuco on 3944

3478.0 BOLIVIA R Padilla, Bolivia, reactivated, first heard 14/4 2350. Melodic music, femaleannouncer and at same time heard R Treze de Junho [Brasil] on 3568.8. Padilla first time heard in nearly 6 months. Other Bolivians heard on 90m at same time--3349.1 Radio 27 de Diciembre, Villamonte; 3340.1 R Viloco; 3311.2 R San Miguel

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Previews of JCC's subsequent reports: 4458 Bolivia, Radioemisora La Voz del Trópico, nom 4340 0015-0100+. 7434.3 Perú, Radio San Pedro, Cajamarca, +1800-0145, often open carrier only, later 7434.1. 6368.6 Perú unID 2107* to return *1500, sounds Cajamarcan. 7408.4 Bolivia, new Radio Carlos Quinto (V) V to 7408.8 from town of Jirón Pascho, 0200-0300*. 7411 Reinstein's unID is 2nd harmonic of R Lux, Colombia, 0000. 4331 Perú, R Jaén, Cajamarca ex-5005, very weak 0211; later 4181,5, 4150.2 ...

LISTENER INSIGHTS on PROGRAMMING

A U S T R A L I A (Larry M Nebron, Daly City CA) Here is my version of the Radio Australia J84 [May-September] schedule broken down by days and hours. It was prepared using the General Manager Data Base and Screen Writer Word Processor. [This omits general news and music; except for 110-minute long music programs at 0910, length of these varies from 10 to 20 minutes with a few obvious exceptions -gh]

[The original schedule, while very slick & colourful & partly upside down, lists programs by title. The North American frequencies are again given without qualification, even tho 6060 at 1500-2030 is unbelievable....]

U.T.C.	SATURDAY
0010	Four Corners
0110	Stock Exchange Report
0130	Australian News
0210	Australian Editorial Opinion
0330	This Australia
0410	Australian Editorial Opinion
0430	Australian News
0510	Dunstan's Diary
0610	Profile
0730	Books and Publishing
0910	International Top Hits
1110	Australian Editorial Opinion
1210	Profile
1230	Australian News
1310	Australian Editorial Opinion
1410	Report from Asia
1430	Books and Publishing
1510	Dunstan's Diary
1610	Talkback
1630	Australian News
1710	Report From Asia
1730	Books and Publishing
1810	Profile
1830	Australian News
1910	Dunstan's Diary
2010	Report From Asia
2030	Australian News
2110	Sports Magazine
2230	Bill Belcher's Band Bazaar
2310	Report From Asia
2330	Australian News

U.T.C.	SUNDAY
0010	You Asked For It
0130	Australian News
0210	Talkback
0310	Business World
0330	Books and Publishing
0430	Australian News
0510	Business World
0530	Talkback
0610	Sports Magazine
0810	Talkback
0910	Australian Top Hits
1110	Business World
1230	Australian News
1310	Business World
1410	The Week In Science
1530	Some Musical Memories
1630	Australian News
1710	This Australia
1830	Australian News
1930	Australian County Style
2030	Australian News
2110	Talkback
2210	Four Corner
2230	Australian Country Style
2330	Australian News

U.T.C.	MONDAY
0110	Australia Fair ,Alternate Weeks
0110	Curtain Up ,Alternate Weeks
0130	Australian News
0210	Four Corners
0330	The Week In Science
0430	Australian News
0530	Australian County Style
0610	The Week In Science
0730	This Australia
0810	Stock Exchange Report
0910	Soundabout
1110	Australian Insight
1128	Stock Exchange Report
1210	Four Corners
1230	Australian News
1310	Australian Insight
1410	Stock Exchange Report
1412	Arts News
1510	Australian Insights
1610	Stock Exchange Report
1630	Australian News
1810	Four Corners
1830	Australian News
1710	Australian Insights
1710	This Australia
1910	Australian Insight
2010	Four Corners
2030	Australian News
2110	Stock Exchange Report
2112	The Body Program
2210	Four Corners
2310	Australian Insight
2330	Australian News

U.T.C.	TUESDAY
0010	Four Corners
0110	Stock Exchange Report
0130	Australian News
0210	Four Corners
0330	Arts News
0430	Australian News
0530	Jazz Australia
0610	Arts News
0730	The Body Program
0810	Stock Exchange Report
0910	Soundabout
1110	Australian Insight
1128	Stock Exchange Report
1210	Four Corners
1230	Australian News
1310	Australian Insight
1410	Stock Exchange Report
1412	Australian Inventor
1510	Australian Insights
1610	Stock Exchange Report
1630	Australian News
1710	Australian Insights
1810	Four Corners
1830	Australian News
2010	Four Corners
2030	Australian News
2110	Stock Exchange Report
2112	Kaleidoscope
2210	Four Corners
2310	Australian Insight
2330	Australian News

U.T.C.	WEDNESDAY
0010	Four Corners
0110	Stock Exchange Report
0130	Australian News
0210	Four Corners
0330	Australian Inventor
0430	Australian News
0530	Some Musical Memories
0730	Kaleidoscope
0810	Stock Exchange Report
0910	Soundabout
1110	Australian Insight
1128	Stock Exchange Report
1210	Four Corners
1230	Australian News
1310	Australian Insight
1410	Stock Exchange Report
1412	You Asked For It
1430	Jazz Australia
1510	Australian Insights
1610	Stock Exchange Report
1630	Australian News
1710	Australian Insights
1810	Four Corners
1830	Australian News
1910	Australian Insight
2010	Four Corners
2030	Australian News
2110	Stock Exchange Report
2112	Australian Inventor
2112	Words and Music
2210	Four Corners
2310	Australian Insight
2330	Australian News

U.T.C.	THURSDAY
0010	Four Corners
0110	Stock Exchange Report
0130	Australian News
0210	Four Corners
0330	You Asked For It
0430	Australian News
0530	Bill Belcher's Band Bazaar
0610	You Asked For It
0730	Words and Music
0810	Stock Exchange Report
0910	Soundabout
1110	Australian Insight
1128	Stock Exchange Report
1210	Four Corners
1230	Australian News
1310	Australian Insight
1410	Stock Exchange Report
1412	Letters To The Editor
1510	Australian Insights
1610	Stock Exchange Report
1612	Letters To The Editor
1630	Australian News
1710	Australian Insights
1810	Four Corners
1830	Australian News
1910	Australian Insight
2010	Four Corners
2030	Australian News
2110	Stock Exchange Report
2112	Australia Fair ,Alternate Weeks
2112	Curtain Up ,Alternate Weeks
2210	Four Corners
2310	Australian Insight
2330	Australian News

U.T.C.	FRIDAY
0010	Four Corners
0110	Stock Exchange Report
0130	Australian News
0210	Four Corners
0300	Calling Antarctica 11883[sic]
0330	Letters to the Editor
0400	Calling Antarctica 15240 kHz
0430	Australian News
0530	Australian Concert Hall
0610	Letters To The Editor
0730	Australia Fair ,Alternate Weeks
0810	Stock Exchange Report
0910	Soundabout
0915	Calling Antarctica 6045kHz
1110	Australian Insight
1128	Stock Exchange Report
1210	Four Corners
1230	Australian News
1310	Australian Insight
1410	The Week in Canberra
1410	Stock Exchange Report NAF
1430	Australian Concert Hall
1510	Australian Insights
1610	Stock Exchange Report
1612	Sports Magazine
1630	Australian News
1710	Australian Insights
1810	The Week In Canberra
1810	Four Corners
1830	Australian News
1910	Australian Insight
2010	Four Corners
2010	The Week In Canberra
2030	Australian News
2110	Stock Exchange Report
2112	This Australia
2210	The Week In Canberra
2310	Australian Insight
2330	Australian News

NAF=Not All Fridays

A U S T R I A (via gh) The latest schedule from "Radio Austria International," ORF--

THE ORF ENGLISH PROGRAMME

Presenting Austria in all its aspects to an English-speaking audience around the world is the daily challenge facing a small team of reporter-producers at ORF headquarters in Vienna.

The task is tackled by following a regular pattern, week by week, in the course of each daily **"REPORT FROM AUSTRIA"**, whose first edition is aired on the day in question (as listed below) at 18.30 UTC. There are repeats and updates that day, and the following day, at: 21.30 UTC, 01.30, 03.30, 04.30, 08.30, 10.30, 12.30, 13.30, 15.00 UTC.

On **Monday "SPORTS REVIEW"** summarises what has been taking place on the country's ski-slopes, football grounds, tennis courts etc., and highlights the achievements of Austrian sportsmen and -women around the world.

On **Tuesday "AUSTRIA & THE U.N."** provides an opportunity to examine activities at the Vienna International Centre (one of the world body's three main headquarters complexes), as well as to learn about Austrian participation in United Nations activities worldwide (e.g., with peace-keeping forces in the Middle East).

On **Wednesday "THE AUSTRIAN ECONOMY"** is put into perspective featuring achievements in industry and trade, showing how the financial field is functioning, and suggesting ways investors can benefit from the country's highly developed banking system.

On **Thursday "POP CORNER"** proves that the genius of Austrian light music-making did not die out with the arrival of television and that even rock or jazz can have a distinctly Austrian flavour.

On **Friday**, in addition to a weekly Political Commentary, there is time to **"FOCUS"** at length on a subject of musical, literary, historical or artistic interest.

On **Saturday "THE TOURIST SCENE"** takes the listener on a radiophonic trip round the country to places of interest for vacationing, summer and winter. It also conjures up the delights of Austrian food and wine.

Finally, on **Sunday "PROFILE OF AUSTRIA"** and **"POSTBOX 700"** remain two of the most popular features broadcast regularly since the inception of **"REPORT FROM AUSTRIA"** in 1970. Our mailbag corner, incidentally, usually presents some up-to-the-minute hints on the best times and places on the dial for hearing Vienna on shortwave.

For those interested in broadcasting as such the weekly **"AUSTRIAN SHORTWAVE PANORAMA"** deals with international developments in radio and other means of communication, as well as giving all the latest information on how best to pick up ORF broadcasts. This programme is first heard on Sunday at 09.00 UTC with repeats the same day at
10.30 UTC
12.30 UTC
13.00 UTC
15.00 UTC
18.05 UTC, and
04.30 UTC (Monday only).

And, as the latest addition to English-language programming from Vienna, you are cordially invited to our **"AUSTRIAN COFFEETABLE"** every Saturday at 18.05 UTC and every Sunday at 03.05 + 12.05 UTC, for entertainment. Mainly music of all styles but also the other arts which can be treated here in a more expansive way than is possible in our normal daily broadcasts.

(Clockwise from top left):
Eugene Hartzell, David Hermges, Elizabeth Blane and David Ward.

C A N A D A (Jack Kingwill, Laval PQ, May CIDX Messenger) CFCX, the SW service of CFCF Montreal on 6005 kHz, plans a special program aimed at listeners on shortwave. All-night talkshow host Janet Torge has asked for CFCX SW listeners to contact her by letter giving her their phone numbers. She plans to put together a special show of live telephone conversations with SWLs and DXers. In the meantime you can tune in her show nightly on weeknight on 6005 between 0400 and 0900 GMT.
[see next page for more CFCX]

gh: The CBC Northern Quebec SW Service has dropped 9625 kHz since that 50 kW transmitter has been torn out to make way for a new 100 kW unit --perhaps for Northern Svc.

C H I N A Radio Beijing Features for June 1984

Fri 1 - Special report on Chinese children celebrating their holiday
Sun 3 - CHINA ANTHOLOGY: Story of national hero Lin Zexu. LISTENERS' LETTERBOX: How the Chinese do their farmwork; agriculture and agrarian reform in China; China prepares for the Olympics [repeated Tue]
Mon 4 - CHINESE COOKING: Spiced diced pork
Tue 5 - TRAVEL TALK: American tourist April Maston on her visit to the city of Datong in North China; LISTENERS' LETTERBOX [see Sun]
Thu 7 - CULTURE IN CHINA: Peking opera "Chang Ban Slope"; Sports: China prepares for Olympics
Fri 8 - PROFILE: "The Lantern King" He Keming; LISTENERS CALLING
Sat 9 - MUSIC FROM CHINA: Violin concerto "The Butterfly Lovers" [N.B., dpn] flutterby?
Sun 10 - LISTENERS' LETTERBOX: Announcers of Radio Beijing; cities in China; family planning
Tue 12 - TRAVEL TALK: Tourist Ounulf Johannessen of Norway describes his travel experiences in Suzhou and Wuxi; LETTERBOX repeat
Thu 14 - CHINA IN CONSTRUXION: Readjustment brings economic results
Fri 15 - THE LAND & THE PEOPLE: Festivals of the Miao people
Sat 16 - MUSIC FROM CHINA: Distinctive ethnic music
Sun 17 - CHINA ANTHOLOGY: Underground [continued]

wooden palace at Dabaotai on the outskirts of Beijing; LISTENERS' LETTERBOX: The biggest hydro and thermal power stations in China; the longest bridge [+Tue]
Mon 18 - CHINESE COOKING: Fried lotus root and minced pork sandwiches
Thu 21 - CULTURE IN CHINA: The new film "Our Niu Baisui"
Fri 22 - PROFILE: Dr Wu Huanxing, a cancer specialist; THE LAND & THE PEOPLE: A multi-nationality courtyard; LISTENERS CALLING
Sat 23 - MUSIC FROM CHINA: Concert of "Birds" singing
Sun 24 - LISTENERS' LETTERBOX: Islam in China; Women's position in China's political life; China's domestic broadcasting [+ Tuesday]
Sat 30 - MUSIC FROM CHINA: Symphonic music "Jiu Ge"

C A N A D A [continued from page 25] (Bill Carney, Jr., Pinconning MI) CFCX-6005 kHz: originally licensed as VE9DR, operated from Drummondville, Quebec from 1930 to 1932, when the location was changed to the Mt Royal Hotel in Montreal. The call sign became CFCX in 1936 and the station operated from Montreal until 1948. In 1963 it resumed operation with 500 watts from the AM transmitter site at Caughnawaga, Quebec. Mother station CFCF, 600 kHz, began broadcasting in 1919. Its first call was XWA, owned by Canadian Marconi. Currently has Gates and Collins 5 kW transmitters feeding four 300-foot towers in direxional array beaming 11° W of north from same location as CFCX, which happens to be on the Iroquois Indian Reserve at Caughnawaga, across the St Lawrence from Montreal. Weekday program schedule in EDT/EST (GMT -4/5)--
0000-0500 NIGHT TALK--news, weather, sports on hour. 0500-0530 FIRST EDITION. 0530-0900 KEVIN McGOWAN incl News, Traffic, Weather, Sports. 0900-1200 JACK CURRAN: incl at 0905 FINANCIAL POST BUSINESS REPORT; and Instapolls, Weather, Consumerwatch. 1200-1230 MONTREAL & THE WORLD AT NOON--weather, news comment, sports, sports comment, entertainment. 1217 FINANCIAL POST BUSINESS REPORT. 1230-1700 STEVE BRADWELL incl: 1230 DISCOVERY, 1240 CONSUMERWATCH, 1300 NEWS & WEATHER, 1330 WEATHER, 1400 NEWS & WEATHER, 1430 WEATHER, 1500 NEWS & WEATHER, 1530 WEATHER, 1600 NEWS & WEATHER, 1630 NEWS. 1700-1730 MONTREAL & THE WORLD TONIGHT with news, weather news comment, traffic, sports, sports comment; 1721 FINANCIAL POST BUSINESS REPORT. 1730-2000 SPORTS TALK WITH JEFF RIMER incl 1900 NEWS. 2000-2400 DAVE FISHER or MONTREAL CANADIENS HOCKEY or EXPOS BASEBALL; 2300 MONTREAL & THE WORLD TONIGHT--news and weather; 2310 FINANCIAL POST BUSINESS REPORT.

CFCF 60
RADIO MONTREAL

Weekend sked not available. Address is 405 Avenue Ogilvy, Montreal Quebec H3N 1M4, Canada.

C U B A (John Knapp, Uniontown PA) On page 100 of the April 2 Sports Illustrated is a "Perspective" by Bill Brubaker, an amusing 'profile' of TODAY IN SPORTS on Radio Habana Cuba. I guess you could call it a profile; I think some people will find it to their liking. [Keep your eye on that column, apparently, for short-wave-related items -gh]

I R A Q (via Tom McKeon, Indianapolis IN) [sic] The Weekly English Programmes Schedule: The Daily Programmes: The News Bulletin, The Political Programme, The Press Review. The Weekly Programmes: Sun ECONOMIC PROGRAMME, Mon WITH THE WORLD PRESS, Tue IRAQ & THE MARCH OF FUTURE, Wed THE CULTURAL PROGRAMME, Thu PALESTINE PROGRAMME, Fri POST-BAG CORNER, Sat QUESTION & ANSWER PROGRAMME. 2130-2230 on 9610 Eu; 0300-0400 on 21585 NAm.

F I N L A N D (gh) Several changes since the schedule in March RIB --

FINLAND FESTIVALS

▪ The medieval castle of Savonlinna is the site of the annual Savonlinna Opera Festival. The major event at the 1984 festival is the world première of Aulis Sallinen's new opera "The King Goes Forth to France". Radio Finland will present several programmes originating in Savonlinna and a retrospective feature later in the autumn.

▪ **July 5—9 and September 15—16, 1984.**

Lehtikuva

LEARNING FINNISH

▪ Radio Finland has resumed broadcasting a course of Finnish for beginners. Although Finnish is a fairly difficult language to learn many Radio Finland listeners were able to start their studies of Finnish with us. Some feature programmes will discuss the history and structure of the Finnish language during this programme period as well.

▪ "Starting Finnish" is based on the book "Suomea suomeksi" by Dr. Olli Nuutinen, published by Suomalaisen Kirjallisuuden Seura, Helsinki. The book is not available from Radio Finland. Please consult your local library or bookstore to obtain a copy.

▪ **Broadcast Mondays through Tuesdays, and in Sunday Best.**

Cover: The historic neoclassical centre of Helsinki as seen from the sea, featured in Focus on June 9—10, repeat August 25—26. Lehtikuva

Radio Finland

RADIO FINLAND WORLDWIDE

Northern Report
A roundup of regional news from Northern Europe covering developments in Finland and the North for an international audience. "Northern Report" can be heard in all our transmissions except those between 1830 UTC Saturday and 1400 UTC Sunday.

Airmail
Radio Finland's listener response programme, heard on Mondays*.

Starting Finnish
A radio course for students of Finnish at the elementary level, heard on Tuesdays*.

Voices
Finnish music introduced in Voices of Finland, heard on Wednesdays*.

Perspectives
Reports on items of current interest, heard on Thursdays*.

Speak for yourself
Interviews with insights into what life in Finland is like, heard on Fridays*.

Summerlight
Our magazine of the arts, off-news, sport and music, heard on Fridays*, alternating with Speak for yourself.

Compass North
A review of the Northern European newsweek, heard on Saturdays.*

Focus
Documentaries on life in Finland today and in the past, heard on Sundays*.

Sunday Best
A two hour broadcast incorporating the week's editions of Airmail, Perspectives, Summerlight, Speak for yourself, Voices and Focus heard at 2100 UTC on Saturday and at 0700 and 1200 UTC on Sunday.

*) also available in Europe on the preceding evening.

Radio Finland is the international service of the Finnish Broadcasting Co, Oy Yleisradio Ab, Helsinki.

I S R A E L (gh) Israel Radio's summer program sked-

GMT	EDT	Sun
1000		MOSAIC - Magazine, People and Places in Israel
1900		CALLING ALL LISTENERS, DX CORNER
2130		MOSAIC, DX CORNER
2300	7 pm	CALLING ALL LISTENERS, DX CORNER
0000	8 pm	MOSAIC
0100	9 pm	CALLING ALL LISTENERS
1000	Mon	SPECTRUM - Science, Technology and Business
1900		SPECTRUM, HOW ISRAEL WORKS - Society and Institutions
2130		MUSIC FROM ISRAEL, HOW ISRAEL WORKS
2300	7 pm	SPECTRUM, HOW ISRAEL WORKS
0000	8 pm	MUSIC FORM ISRAEL
0100	9 pm	SPECTRUM
1000	Tue	MAINSTREAM - Consumer and Community Affairs
1900		LET MY PEOPLE GO, THIS LAND - Tourism
2130		LET MY PEOPLE GO, SHORT STORY
2300	7 pm	LET MY PEOPLE GO, THIS LAND - Tourism
0000	8 pm	SHORT STORY
0100	9 pm	THIS LAND - Tourism
1000	Wed	FORUM - Discussion on Current Affairs
1900		LIVING HERE - Aliyah Magazine, A LOOK AT JUDAISM
2130		FORUM, A LOOK AT JUDAISM
2300	7 pm	LIVING HERE - Aliyah Magazine, A LOOK AT JUDAISM
0000	8 pm	FORUM
0100	9 pm	LIVING HERE
1000	Thu	STUDIO THREE - the Arts in Israel
1900		FAITH TO FAITH - Religion and Community, FREQUENCY
2130		STUDIO THREE, FREQUENCY SCHEDULE
2300	7 pm	FAITH TO FAITH, FREQUENCY SCHEDULE
0000	8 pm	STUDIO THREE
0100	9 pm	FAITH TO FAITH
1000	Fri	THANK GOODNESS IT'S FRIDAY - Sabbath Eve Magazine
1900		JEWISH NEWS REVIEW, THANK GOODNESS IT'S FRIDAY
2130		JEWISH NEWS, SHABBAT SHALOM - Song Requests
2300	7 pm	JEWISH NEWS, THANK GOODNESS IT'S FRIDAY
0000	8 pm	SHABBAT SHALOM
0100	9 pm	THANK GOODNESS IT'S FRIDAY

All b'casts SPOTLIGHT - People and Issues in the News - Sat

J A P A N (gh) Radio Japan is promoting its new, expanded DX CORNER [to North America GMT Sunday at 0035-0050 on 17825 15300; 0220-0235 on 21640 21610 17825 15195; 1320-1335 on 9505, 11815.] Main items are: 1) Reception Reports [better ignored during valuable airtime, I feel -gh]. 2) Survey--specialized DX report on different parts of the world or propagation info. 3) Topic of the Month, replacing Survey on the 4th week of month, interviews with Japanese DXers on equipment; interviews with Japanese manufacturers; satellite broadcasting; ham reports. 4) ABC of DXing, short segment for beginners, avoiding specialist's jargon, one DXing topic each week in easily understood terms; per Hisoshi Shioguchi, announcer-producer.

CROSSCURRENTS topics change each month: May "the Education System I would like to See"; June "Environmental pollution and Destruxion". July= Sports, in connexion with L.A. Olympix; August on nuclear weapons in view of 39th Atomic Bomb Day. Deadline is about a month before the broadcast month--essays should be about 400 words long, 3 minutes when read at normal speed. During fiscal 1983, the most CROSSCURRENTS contributions came from listeners in India, 3 times as many as from the USA.

Other Radio Japan program highlights, for the week beginning Mon May 28--

Mon JAPAN CYCLOPAEDIA 0515 0715 1320 1520; Tue 0020 0205--a story of salt.

Tue VIEWPOINT 0515 0715--Arata Isozaki, architect, a man who helped transform Tsukuba.

Tue SPOTLIGHT 1320 1520, Wed 0020 0205--PEN vs Nuclear--47th International PEN Club Convention in Tokyo.

Wed MIDWEEK FOCUS 0515 0715 1320 1520, Thu 0020 0205--looking forward to London Summit.

Wed SCIENCE TODAY 0535 0735=-spotlight on meteorology; worldwide abnormal weather

Wed ONE IN A HUNDRED MILLION 1340 1540, Thu 0535 0735, Fri 0035 0220--popularizing less known foreign films--Etsuko Takano (54 [years old])

Thu=ASIA NOW 0515 0715 1320 1520; Fri 0020 0205--Asian Literature Now [or The Philippines after General Elexion]

Thu OUR HERITAGE 1340 1540, Sat 0035 0220--Japanese & their Ingenuity--communities the world over have developed to such an extent that sophisticated problems can no longer be coped with by logic and alternatives alone. The less rigid patterns of thinking such as "forestal" thought have greater possibilities for being able to cope with many present-day problems.

Fri JAPAN AS I SEE IT 0535 0735, Sun 1340 1540--Tracing back our life style--Japanese habits and customs discussed in relation to those at the southern foot of the Himalayas, which are said to be surprisingly similar.

Sat ASIAN BUSINESS TRENDS 0535 0735 1340 1540--Indonesia's export drive for manufactured goods.

K O R E A (Bruce Tindall, N4JIU, Chapel Hill NC) Lee Shin-bom, a former prisoner of conscience from South Korea, made a few comments about international broadcasting in his remarx to the Southern Regional Conference of Amnesty International in NC in March. Mr Lee, an attorney, is now a senior fellow with the Center for Development Policy in Washington DC. He said that many South Koreans listened to the VOA from Okinawa on mediumwave until that transmitter was closed. Now, he said, there is no reliable Korean-language news available on MW. I asked him about short wave. He told me that a colleague of his had been sentenced to 20 years' imprisonment for being a "North Korean spy". The evidence: he owned a short wave receiver.

N O R W A Y (Joe Hanlon, Philadelphia PA) Upcoming topics on NORWAY TODAY during next 6 months--"Our Oil Adventure"--what makes Norway different as an oil producing country?--to be broadcast in the fall. "In Search of Ancestors in Norway" about a visit by 40 Norwegian-Americans to their homeland to "fill in blank parts of their line of ancestry"; and "Norway--a fishing nation" explaining how international fishing regulations and negotiations with Norway's neighboring countries affect its fishing policy, along with the history of Norwegian fishing (to be heard sometime in the late summer).

(Rolf Løvstrøm, Oslo) Radio Norway is moving one of the transmitter aerials at the Frederikstad site;

N I C A R A G U A (gh) The Sandinistas betrayed us--again. Soon after the publication of April RIB, Voice of Nicaragua moved again, from 6100 to 6017.4; still there as of mid-May, but where will they be when you read this? Anyhow, the approximate sked, via May DX Ontario--0100-0200 UTC, and presumably the same at 0400-0500; ignore pauses..

THE VOICE OF NICARAGUA'S INTERNATIONAL ENGLISH PROGRAMMING

LOCAL TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
19:00	IDENTIFICATION		IDENTIFICATION		IDENTIFICATION		IDENTIFICATION
19:02	NICARAGUA TODAY (News Bulletin)	NICARAGUA TODAY (News Bulletin)	NICARAGUA TODAY (News Bulletin)	NICARAGUA TODAY (News Bulletin)	NICARAGUA TODAY (News Bulletin)		NICARAGUA TODAY (News Bulletin)
19:15	STUDIO TALK	THIS IS NICARAGUA	STUDIO TALK	HISTORY IN THE MAKING	STUDIO TALK	THIS IS NICARAGUA	HISTORY IN THE MAKING
19:30	CONTACT 248	CONTACT 248	CONTACT 248	CONTACT 248	CONTACT 248	CONTACT 248	CONTACT 248
19:45	MUSIC	MUSIC	MUSIC	AFTER 50 YEARS... SANDINO LIVES ON	MUSIC	PHILATELIC BULLETIN	AFTER 50 YEARS... SANDINO LIVES ON
19:50	NICARAGUA TODAY (News Bulletin)	NICARAGUA TODAY (News Bulletin)	NICARAGUA TODAY (News Bulletin)	NICARAGUA TODAY (News Bulletin)	NICARAGUA TODAY (News Bulletin)		

T A I W A N (John Demmitt, PA, via SPEEDX May) Voice of Free China has started a weekly cooking show, FU PEI MEI'S MANDARIN KITCHEN each Saturday. This celebrated chef will introduce different cooking procedures and secrets for different regional specialties such as Cantonese, Hunan, Tze-Chuan, Chekiang and northern dishes.

U A E (via Tom McKeon, IN) UAE Radio English programs feature discussions and talks on the history of the Middle East, the Islamic religion, Arab history, art, music and literature. Also, a fortnightly Mailbag for answering listeners' queries and discussing current reception reports; alternates with interview program featuring people living and working in Dubai.

(Edwin Southwell, UK, WDXC Contact May) UAE Radio has interesting new feature series daily 1045 & 1600, WELCOME TO ISIAMIC TRADITIONS THROUGH THE AGES, e.g. how dhows (Arab sailing ships) are made. Alternate weekend interview program is called BE MY GUEST.

N O R W A Y [contd.] The antenna, which is used for transmissions to North America and the North Atlantic, will be out of service until September 1 this year. Radio Norway International expects this to cause poorer reception of Radio Norway in the target areas.

S W E D E N (gh) Summer brings several changes at Radio Sweden; remember to check Tuesday's SWEDEN CALLING DXers in early June for 1984 EDXC Conference reports.

The enclosed broadcast schedule marks the introduction of some interesting changes in the English language service from Radio Sweden International. In response to requests from many listeners, we are including this rundown on our programs, day by day.

Monday through Friday we start »WEEKDAY» with a bulletin of news about Sweden and its Nordic neighbors. Monday through Thursday the news is followed by current affairs, i.e. press comment, interviews and background reports.

On Monday we end our daily half hour from Stockholm with »MUSIC FROM SWEDEN» - except the first Monday of the month,when we present a program for stamp collectors calles »STAMP CORNER».

On Tuesday it's time for our international telecommunications magazine »SWEDEN CALLING DX-ERS».

On Wednesday and Thursday, we wind up with features that take a longer look at some aspects of life here at the top of Europe.

Starting May 11, the Friday transmission will be called »THANK THOR IT'S FRIDAY» - a personal view, from the staff and ordinary people - of everyday life in the Nordic region, i.e. Sweden, Norway, Denmark, Finland and Iceland.

OK - so Thor was the ancient Nordic god of thunder who gave his name to Thursday ! We're simply expressing »Thank Thor It's Friday» the Nordic way, now that Thor, so to speak, has done his bit on Thursday.

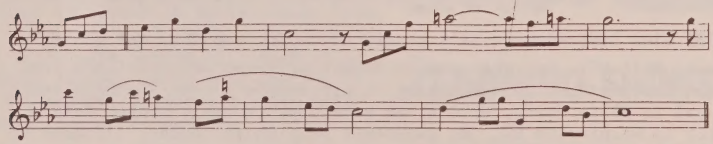
The new program will bring you a taste of Nordic dreams, hopes, aspirations, successes, failures and other aspects of life here.

»THANK THOR IT'S FRIDAY» will vary from the silly to the sad and perhaps even the satirical. And there'll be lots of the latest in Swedish popular music !

ANOTHER CHANGE: starting May 12, Radio Sweden International's review of the stories from the past seven days - »NORDIC NEWS WEEK» - will be heard on Saturdays.

On Sunday we'll continue to answer your questions and comments in »MAILBAG».

That's the Radio Sweden International week. We hope you keep in touch by tuning in regularly. Remember, we're always glad to receive your letters and cards.



RADIO SWEDEN INTERNATIONAL CHANGES TUNE

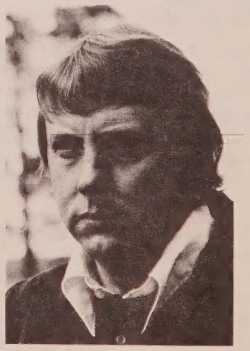
On the 6th of May, when Radio Sweden International changes to new frequencies, we will be using a brand new signature tune.

The melody is appropriately called 'To The Wide, Wide World', and has been composed by Ralph Lundsten, one of the leading composers in the Nordic area today. Born in northern Sweden, he has earned an international reputation as well, and is considered a symbol of modern Swedish electronic music.

We hope that our listeners in the big, wide world will like the new tune as much as we do, and will find it a worthy successor to our former melody.

radio sweden international

Ralph Lundsten: 'To The Wide, Wide World'



Cordially,
RADIO SWEDEN INTERNATIONAL
S-105 10 Stockholm
Sweden

MUSIC

THESE NINE PAGES -- BBC WS IN JUNE

Ancient and modern

The Alternative Proms

This month, World Service broadcasts another series of contemporary music concerts.

Mezzoforte
A six piece jazz/funk band first formed in Iceland in 1977 made their mark on the international music scene when their album *Surprise Surprise* with its single *Garden Party* was released last year.

The concert at The Venue, in the heart of London, is part of a tour of Britain, Europe and Japan. *5th*

The Albion Band
The Albion Band is in concert at the Half-Moon, Putney - a London pub which is also an important music venue. The band combine folk-songs with the rhythmic excitement of rock, and their leader Ashley Hutchings was a founder member of two other famous folk-based groups, Fairport Convention and Steeleye Span *12th*

Eloy
Eloy is a five piece West German band hailing from Hanover. Their popularity and success on the European sub-continent is now being matched by rising interest both in America and the United Kingdom for Eloy's driving electric rock sound.

As part of their tour of Britian, Eloy's London concert is from the Marquee Club - one of London's most famous rock venues - and BBC World Service is there on your behalf *19th*

Yellowman
Yellowman is the hottest name in the reggae world since the legendary Bob Marley. A black albino with yellow hair and skin - hence his nickname - he was born in the ghetto areas of Kingston, Jamaica some 25 years ago. His own particular brand of 'rapping' - chanted or half-sung monologues about current events, social satire or humorous tales - has made him immensely popular among reggae lovers and his concert at the Brixton Academy in south London is being specially recorded for the BBC World Service *26th*

Strawbs
Do you remember the Strawbs - an international chart-topping band from the 60s and 70s with such hits as *Lay Down, Part of the Union* to their credit? They broke up in 1980 and reformed only last year to perform at "occasional special concerts".

This Alternative Prom is such an event - a very special re-runion for the BBC World Service - recorded at the Half-Moon pub in Putney. A suitably memorable night and a fitting finale to the current series *July 3rd*
Tues 2130 rep Weds 0945, Thurs 0330

Swinging Sixties

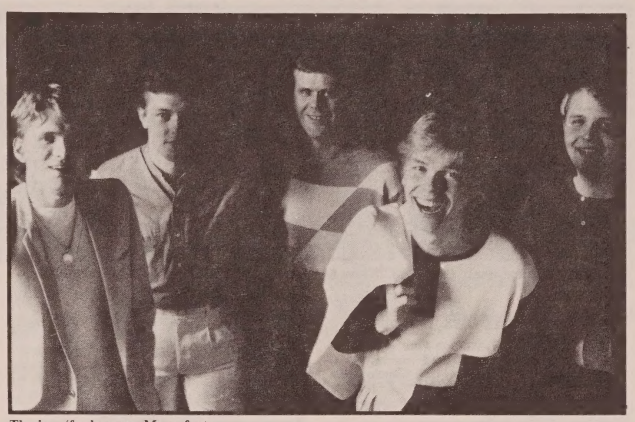
The British beat boom began in 1962 and in a very short time it had completely changed the face of rock music, shifting the creative centre of the business from America to Britain.

It was, of course, the Beatles who were the main catalysts but at its height the movement saw almost 1,000 groups recording.

In this new series, **Ian Birch** features some of the artists and groups who began in the swinging sixties and examines their influence on today's British music boom.
Mons 0430 (25th only) Mons 1330 rep Thurs 0730, Fris (ex 1st, 29th) 0430

Sing a Song of London

Stephen Beard continues his survey of the sights and sounds and songs of London. This month he gets incarcerated in the **Tower of London** *4th;* examines the life of **London's Buskers** *11th;* visits **Wembley Stadium** *18th;* and goes in search of **A Good Night Out** *25th*
Mons 0530 rep Tues 0945, 2030



The jazz/funk group Mezzoforte

That's Trad

There's a new voice to be heard presenting jazz on the BBC World Service at the moment, that of Digby Fairweather, cornettist and practitioner in the art of traditional jazz in its broadest sense.

Digby's approach to the quarter-hour programmes is entirely non academic and characteristic of the man in that it exudes an enthusiasm for, and a sheer joy in, the music which, in Digby's view, is most certainly not confined to the pre-saxophone era nor is the listener required to hold a half-consumed glass of beer in one hand to appreciate all the music on offer, although it can sometimes help...
Sats (ex 30th) 0430 rep 1330, (2nd only) Tues 1945, Weds 0730

Such Sweet Harmony

The final episodes move through three quite different musical fields. **Jazz Harmony** is the first, illustrating such artists as Lambert, Hendricks and Ross, the Modern Jazz Quartet and the Swingles *5th.* **Popular American Harmony** is featured next, extending from the Motown sound to the Everly Brothers *12th;* The next feature highlights the **Girly Groups**, the Andrews, Boswell and Beverley Sisters, for example *19th;* The final programme looks back over the series pulling out some favourites *26th*
Tues 0145 rep 0815, 1445 (19th only) Fris 0530

Patrick Martyn's Music Box

Patrick Martyn continues his personal selection of the more unusual items from film and stage musicals, along with some rarities and oddities that he has discovered along the way, during his many years as a compulsive record collector.
Suns 0215 rep Tues 0430 (ex 26th 1000), Weds 1015 (ex 27th), Fris 0730

Music Now

The regular music magazine programme, introduced by John Amis, has a special open edition this month, in which a panel of experts, including a composer and a performer, is on hand to answer listeners musical queries and problems. Write to: **Music Now, BBC World Service, Bush House, London.**
15th (ex 29th) 2115 rep 18th 0230, 0945

Music for a While

The presenter this month is the British writer and composer **Wilfrid Mellers,** who has just celebrated his 70th birthday. He is renowned for his pioneering books on music in society, and also for his wide-ranging musical outlook: he was the first writer on serious music to turn his attention to pop music, with his provocative study of The Beatles. He is at present writing a book on Bob Dylan. This month, he draws together some of the common strands which, he feels, unite music from seemingly different worlds.
Suns 0530 (3rd only) rep 1900, Mons 1445 (18th only) Tues 2315, Weds 0815 (27th only) Thurs 0815

Invitation Concerts

The recital this month is given by one of Europe's leading early music ensembles, the **New London Consort.** Playing on authentic instruments, they perform a wide repertory from medieval to baroque, and since their formation in 1971 they have toured throughout Europe, and also played in Israel and Latin America.

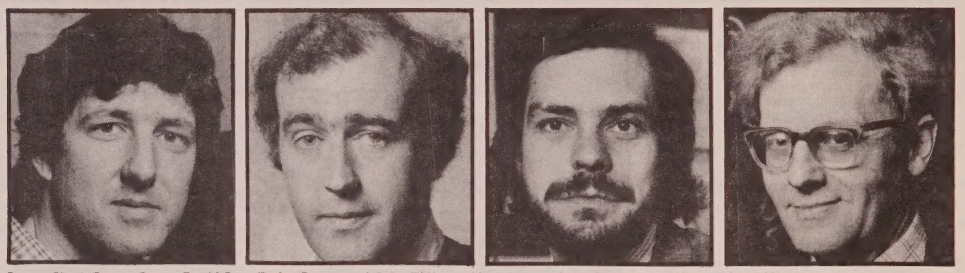
They give a programme of baroque vocal and instrumental music, with cantatas by Vivaldi, Alessandro Scarlatti and Handel, sung by **Catherine Bott,** and trio sonatas by Corelli and Handel, played on recorders by **Catherine Latham** and the ensemble's director, **Philip Pickett.**

The concert is broadcast live from BBC Broadcasting House in central London on June 3rd at 1515 GMT (1615 British Summer Time) and repeated Monday 0100. If you are in London then, and would like to come, tickets are free, and are available at the door, or in advance from the address below. There is also a free leaflet available. Write to: **Invitation Concerts, BBC World Service, Bush House, London.**
3rd 1515 rep 4th 0100

At the Piano

Eight half-hours of piano music have been specially recorded for BBC World Service by some of the rising generation of British pianists, each of whom includes a work by an English composer in the selection. The first three recitals are given by **Paul Coker** *11th,* **Tessa Nicholson** *18th,* and **Ian Brown** *25th*
From 11th Mons 1430 (ex 4th, 18th) rep 1715 (11th only) Tues 1030 (ex 5th) Fris (ex 1st, 8th) 0630

FEATURES Twenty-Four Hours, every day



L to r: Hugh Prysor-Jones, David Lay, Tudor Lomas and John Eidinow. Now you can hear them present *Twenty-Four Hours* seven days a week

Twenty-Four Hours

For several years now, *Twenty-Four Hours* has been analysing the news and providing a background to world events as they happen, four times every day between Monday and Friday. But traditionally on Saturdays and Sundays the programme took a rest.

This is about to change, because from 0509 GMT on Saturday 9th June current affairs output expands to include the weekend. From that weekend *Twenty-Four Hours* is available to listeners every day. There are the *0509* and *0709* editions which provide breakfast time news and views for listeners in Europe and Africa, while at the same time being regarded as a late-night round-up for people in the Western hemisphere whose day is coming to an end.

At *1309* there is a certain emphasis on Asian affairs where listeners are into their evening, but it is late afternoon in the Middle East where there is also a large following for this transmission.

Then at *2009* people living in Europe, the Middle East and Africa are among the listeners but there is also a sizeable audience in the Caribbean and Latin America.

As usual, the *Twenty-Four Hours* production team and their programme presenters maintain close contacts with BBC and other news correspondents around the world.

As a news story breaks the team in their offices on the eighth floor of Bush House assess its significance and discuss the wider aspects with correspondents in the affected area. Arrangements are made for the correspondent to take part in an interview and circuits and telephone lines are booked.

As each edition is a live production, the producer and presenter are always ready to react to a late breaking story up to the last minute of air time.

And a major story happens in London during the first weekend that *Twenty-Four Hours* enters its seven-day operation.

Heads of Government from the leading industrialised nations in the Western World attend the Economic Summit at Lancaster House with the British Prime Minster, Mrs Margaret Thatcher, as hostess.

On Saturday June 9th it is expected that the final communique will be issued. As soon as it is available its significance and implications will be analysed in the next edition of *Twenty-Four Hours.*

0509, 0709, 1309 and 2009 every day

Europe Goes to the Polls

The second direct elections for the European parliament are being held in June. Most of the countries of 'the Ten' on June 16th – and it is on that night that the counting is done and the results come in.

Though the parliament's powers are limited these elections are seen as important, not only for the future of Europe but as a barometer of political opinion within the member countries.

They are the first real test of the popularity of President Mitterand and the socialist party in France. They show if opposition to Mrs Thatcher's government is growing in Britain and if Labour or the Alliance is leading that opposition. In the other countries the ruling parties and coalitions are putting great efforts into getting their candidates to Strasbourg.

A special World Service programme brings listeners the results as they are known, with expert comment and analysis from the studio in London and from correspondents, experts and politicians in other European capitals.

The issues are the subject of an *Assignment* and the campaign is, of course, reported in *People and Politics.*

17th 2115-2200, 18th 0100-0145

Assignment

The series examines the issues and the campaigning in the elections for the European Parliament which are being held this month, and assesses the relevance of the Parliament to the EEC.

Another topic featured this month is AIDS, 'Acquired Immune-deficiency Syndrome', the affliction which is causing many deaths and a great deal of concern, particularly in the United States. **Stephen Hedges** reports from there on the disease and the research into its causes. He assesses the hopes for a cure – or the chances of it becoming a world-wide epidemic.

Weds 2030 rep Thurs 0230, 1130, 1615

World Phone-In: It's Your World

The BBC's global phone-in series, in which the BBC World Service is combining with the BBC's domestic Radio 4 network, continues throughout June. Every Sunday listeners are invited to telephone and speak directly to a major international figure who will either be in the BBC's London studios with the chairman, or linked to London by high quality line.

The names of the guests will be announced at the microphone and listeners who wish to question them should ring in from one and a half hours before the 45 minute transmission, or during it, to London 580 4411.

If you can dial direct, dial your local international code followed by 44 1 580 4411. You may then be rung back to take part in the programme.

Suns 1110

Too Many People

Prior to the United Nations Conference on world population in August, **Keith Parsons** has been to Mexico City, Shanghai, Calcutta and Cairo to find out about population policy and the threats to the world's cities. The series ends with a discussion on his findings and on what should be done to avert a global catastrophe caused by overpopulation.

2nd 2030 rep 4th 1345, 5th 0030

EDXC Conference 1984

Last year the BBC played host to this annual gathering of listeners and broadcasters. This year the conference moves to the headquarters of Radio Sweden International in Stockholm. *Waveguide* reports.

18th 0915, rep 20th 0430, 1735, 21st 0030

Trooping the Colour

Trooping the Colour, the sovereign's birthday parade, has been held every year, since King George III began the ceremony in 1805.

Originally the colour was a rallying point for troops in battle, so that they could identify exactly where their battalion was.

For the 2nd Battalion, the Grenadier Guards, it will be a proud occasion this year as their colours are trooped past Queen Elizabeth II, on Horse Guards Parade in London.

All the music for the parade is chosen in January and by late February is approved by the Queen. Then exhaustive rehearsals follow, including a full scale dress-rehearsal a week before the actual event.

Commentary is by **Julian Lutt** and highlights of the ceremony can be heard.

16th 1215 rep 17th 0130

In Praise of God: Whitsuntide

In an anthology of music, poetry and testimony, **Vernon Sproxton** presents a celebration of the Holy Spirit for the Christian season of Pentecost, or Whitsun as it is known in Britain.

"The Holy Spirit is not the private possession of religious people", he says. "Wherever men and women contend for truth, justice, goodness and beauty, the Spirit is at work, creating Martin Buber's 'secret front across the face of the universe'."

The programme includes readings from many different sources and centuries, ranging from Martin Luther to Willy Brandt, and music from the composers Haydn, Orlando Gibbons and Thomas Tallis.

9th 2030 rep 11th 1345, 12th 0030

FEATURES

Questions of law

Twelve Good Men and True

The jury system has been the foundation of English justice for nearly a thousand years, embodying the principle that a man should only be judged by his peers – by a group of ordinary citizens; impartial, responsible and just.

Today, however, the jury system in Britain is coming under increasing criticism. On the one hand, the practice of bribing jurors – 'jury nobbling' – is described as having reached 'epidemic proportions'.

On the other, the police argue that some jurors are irresponsible or politically motivated, and this means the guilty are often acquitted. Is this true? How relevant is a system developed in the 11th century to our complex modern world?

Nina Elston looks at the jury system in Britain and talks to its critics and to its passionate supporters, who argue that it is still an irreplaceable safeguard of justice.

24th 1430 rep 25th 1830, 26th 0630, 29th 2330

Called to the Bar

Few professional people in Britain enjoy greater prestige and status than barristers. To be called to the Bar – the ceremony that follows the successful completion of one's law examinations at one of the Inns of Courts in London – is to be granted entry into an exclusive club with its own traditions, privileges and responsibilities.

Black-robed and bewigged, the barrister, who alone has the right to plead before a judge in an English court, is in a world apart.

What does it mean to belong to this distinguished confraternity of lawyers? What qualities does it require beyond a quick mind and a gift for verbal persuasion? And what exactly is there about the profession that tempts hundreds of men and women each year to embark on this career?

These are some of the questions **Derek Blizard** asks when, with senior judges, barristers and aspiring students, he explores the reality that lies behind that magic phrase – called to the Bar!

17th 1430 rep 18th 1830, 19th 0630, 22nd 2330

Short Story

Hilda is 39, unmarried, and plain and a visit to her aunt's farm in Australia offers her a last chance of love and marriage. **Poor Hilda** is by Ann Hardy, from Scarborough in Western Australia *4th*

Play It Again Sam tells the story of a travel courier in Spain, who meets new people all the time. But what Sam really yearns for is a family of his own. The writer, Leon de Bairacli-Levy, lives in Palma, Majorca *11th*

The chequered career of an African politician is closely observed by an Englishman whose path crosses his by chance. **The White Mercedes**, is by William T Wood, from Juba, Sudan *18th*

Joanna does her duty by her elderly mother but finds herself unable to control the deep physical repulsion she feels for her. **The Kiss** is by Kitty Dowling, who lives in Dublin, in Eire *25th*
Mons 0145 rep Weds 1115, 2115 (ex 27th)

I'm Sorry I'll Read That Again

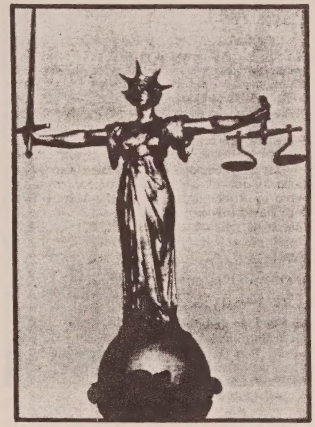
Another chance for World Service listeners to hear the zany comedy show from the 1960s, starring **Tim Brooke-Taylor, John Cleese, David Hatch, Jo Kendall** and **Bill Oddie.**

Tues (ex 5th 19th) 1430 rep Weds (ex 6th) 0830, Thurs (ex 7th) 0045, 1030

Two Cheers for May

An irreverent look at the state of the world during the past month.

5th 1430 rep 6th 0830, 7th 0045, 1030



Justice, as personified above London's Old Bailey Court. See *Twelve Good Men and True* and *Called to the Bar*.

My Heroes Have Always Been Cowboys

Historically, the era of the American cowboy was short. It spanned about 20 years, from the end of the American Civil War until the 1880s, when a combination of factors caused the collapse of the market for beef. Then the redundant cowboys found a new source of work at one of the stopping-places on the cattle trail – Hollywood, where the infant film industry was establishing itself.

In the early wild west films the cowboy was a chivalrous and romantic figure, tough and courageous, yet gentle with women, children and animals, and maintaining a strict code of morality. The most recent films have tended to turn the cowboy into an anti-hero, glorying in violence and destruction.

Jeffrey Richards traces the rise and fall of the cowboy as hero, with the film historian **Kevin Brownlow,** sociologist **Robert Reiner,** critics **John Baxter, Christopher Frayling** and **Philip French,** and the American writer **Louis L'Amour,** author of more than 70 books based on life in the wild west, Producer: John Powell.

10th 1430 rep 11th 1830, 12th 0630, 15th 2330

Marriage – Second Time Around

Getting married, getting divorced and giving marriage another try has become a common phenomenon in the Western world in the past 20 years.

Though people seem to be more prepared to leave their marriage and get divorced if things are not going well, it doesn't mean they have lost faith in marriage as an institution.

But the figures in Britain suggest that second marriages are even more likely to fail than first ones, with a divorce rate approaching 50 per cent.

Zina Rohan talks to sociologists and counsellors about the problems and advantages of a second marriage, and she finds out what makes second marriages in the Soviet Union differ from those in the West, where the difficulties of becoming a parent to someone else's children from an earlier marriage dominate the experiences of people who find themselves in a second marriage.

3rd 1430 rep 4th 1830, 5th 0630, 8th 2330

Zoo Walk

As its name implies *Zoo Walk* is a series which takes listeners for a walk around a number of zoos. **Ken Jackson** – well known to listeners of *Nature Notebook* – is guide and with him is Chris Marler, who owns his own Flamingo Park and Zoological Gardens in the centre of England and was a member of the editorial board of the International Zoo Handbook. This month, the three zoos are in Germany, and the first walk is through the **Vogel Park Walsrode** in the North West of Germany which is one of the best bird collections in the world with more than 5,000 specimens *10th*

For the second programme they move to **West Berlin,** where the Zoological Garden specialises in breeding endangered species *17th*

The series goes south west to Frankfurt where the director of the zoo **Dr Richard Faust** joins the guides *24th*

From 10th Suns 2100 rep Mons 0545, Weds (ex 6th) 1330, Fris (ex 1st, 8th) 0215

Living Memory

Seven-year-old Catherine Wallis recalls vividly the day she was run over by a lorry and killed; Mrs. Winifred Wylie remembers fighting in the Battle of Waterloo in 1815; and John Dallison has found the grave where he was buried in 1877. Is this re-incarnation, telepathy – or what?

They talk to **June Knox-Mawer** about these strange and disturbing experiences, and she discusses their cases with the eminent American psychiatrist **Professor Ian Stevenson,** biochemist **Dr Rupert Sheldrake** from Cambridge University, and researcher **Dr Nicholas McClean Rice.** Producer: Barbara Crowther.

30th 2030 rep July 1st 1345, 2nd 0030

Good Books

Recommended books in June include travel, poetry and romance. *Viva Mexico!* by Charles Macomb Flandrau, is subtitled "A traveller's account of life in Mexico" and is a lively set of observations from several visits Flandrau made to that country at the turn of the century. The book is the choice of humorist **Miles Kington.** *My Word!* panellist **Irene Thomas** recommends an anthology of poetry *Other Men's Flowers* compiled by Field Marshall Sir Archibald Wavell when he was Commander-In-Chief in India in 1943.

Novelist **Barbara Cartland** has an oriental theme in her choice of a good book – *The Wilder Shores of Love* by Lesley Blanch. It tells the true stories of four European women who found, by chance or by design, excitement and romance in the East.

Sats (2nd only) 2015 rep Suns (3rd only) 1315, Suns (from 10th) 0530, Mons 0215, 0925, Weds (20th only) 1945

Captain Beaky's Woodland Gospels

A special series of *Reflections* for children begins this month. Captain Beaky and his Band – that is Artful Owl, Timid Toad and Reckless Rat, the woodlands friends created by comic writer and story-teller **Jeremy Lloyd,** set out to spread the gospel to their fellow creatures in the woods.

Each week over ten weeks Jeremy Lloyd tells one of their extraordinary adventures as recounted in his latest book *The Woodland Gospels.* As the Archbishop of Canterbury says in the preface:

"Beaky and his Band do have something special to share with all of us – both children and adults – and I do hope you will enjoy hearing the story of Jesus told in this new and exciting way."

From 16th 0455 rep 0809, 2240

DRAMA

Crook-backed king

PLAY OF THE WEEK

The Albatross and the Elephant Eggs

by Harry Barton

In early 1945 the war on the seas around Japan is at its height and Purbright is Officer of Stores on an aircraft carrier. When he is not looking after 500 elephant eggs (aircraft fuel tanks), dodging kamikazes and writing a pantomime, he is yearning for his wife, Clementina, back home in England.

The story is told through his letters to her which tell of his affection and admiration for his shipmates, of his joy in creating a pantomime and of his deep despair at the news of the atomic bomb. As the great carrier ploughs back through the Southern Ocean, en route for England, Purbright sleeps out on deck and broods: he broods about "the new atomic fragility of the whole planet" and he broods upon a yellow-nosed albatross. Clementina is played by Ingrid Craigie and Purbright by Shaun Scott. Music is provided by Mary Nash (piano). Directed by Robert Cooper.

Harry Barton, an Irishman, was himself a Captain of Stores during his 30 years with the Royal Navy; and he served on the carrier HMS Formidable during the second World War. His play *Hoopoe Day* won him the Giles Cooper Award of 1982.

2nd 1830 rep 3rd 0030, 1200

The Duenna

by Richard Brinsley Sheridan
with music by Thomas Linley

First performed in 1775 at Covent Garden (the same year as Sheridan's Mrs Malaprop first-trod the stage in *The Rivals),* this is a comic opera in the English style – that is, with dialogue interspersed with songs. The music was written by Sheridan's father-in-law, Thomas Linley.

It was an outstanding popular success, with the critic Hazlitt calling it "a perfect work of art" and Byron maintaining that it was superior even to *The Beggar's Opera* – though this opinion will hardly command general assent. Nonetheless, the play has been revived many times, and is one of the most popular in the Sheridan canon.

It is a delightfully witty tale of the gulling of one Isaac Mendoza, a rich Portuguese gentleman of somewhat limited intelligence, who, under the impression that he is marrying an heiress, finds himself instead legally bound to the heroine's elderly governess, the Duenna, who has loved him for many years. The play stars **Timothy Bateson,** and is directed by Gordon House. The music has been adapted for this production by Bernard Shaw,

9th 1830 rep 10th 0030, 1200

Daybreak

by Don Haworth

The story is set during the Second World War. Harold, a cook, and Fred, a mechanic, are returning from their homes in the north of England to their air force base. They take the night train, and as they talk during the long journey it becomes clear that Harold has something on his mind.

His father has died recently, but that isn't what's worrying Harold. He is more concerned about the cause of death: the word "bronchitis" on the death certificate does not tell the full story...

Harold is played by **David Threlfall** and Fred by **Christian Rodska.** Directed by Kay Patrick.

30th 1830 rep July 1st 0030, 1200

King Richard – Shakespeare saw him as a villain.

Richard III

by William Shakespeare
adapted by Anthony Vivis and Tinch Minter
in two 60-minute parts

Richard... was in wit and courage equal with either of them (his brothers), in body and prowess far under them both, little of stature, ill-featured of limbs, crook-backed, his left shoulder much higher than his right, hard favoured of visage... He was malicious, wrathful, envious, and from afore his birth ever froward."

Raphael Holinshed
Chronicles of England, Scotland & Ireland (Volume 3)

The Plot

The play charts the progress of Richard of York, Duke of Gloucester, in his ambitions to ascend the English throne no matter how "subtle, false and treacherous" he has to be to gain it. In his path stand his two elder brothers, the ailing King Edward IV and George, Duke of Clarence, and their children.

By a series of dastardly acts Richard achieves his aim, and once king, fights desperately to preserve his power. He is finally thwarted by Henry, Duke of Richmond, whose defeat of Richard at the Battle of Bosworth Field, leads to his own accession to the English throne as Henry VII, the first of the Tudor kings.

The Play

Richard III, the longest of Shakespeare's chronicle plays, appears to have been the dramatist's first popular success. The major reason for this – and the play's enduring popularity – lies with the brilliantly-drawn central character, the evil and glamorous Richard, who dominates the drama from the moment he utters the famous opening lines:

Now is the winter of our discontent
Made glorious summer by this sun of York

The historical Richard may not have been as villainous an individual as Shakespeare's usurper king; but following the lines set by Tudor historians, Shakespeare invests him with cynically Machiavellian character and the devil's own charm.

Simon Callow, one of Britain's leading younger actors plays Richard, in a production directed by Gordon House.

16th, 23rd, 1830 rep 17th, 24th, 0030, 1200

The Sources of Shakespeare's Richard III

As a companion-piece to the World Service production of *Richard III,* **Tinch Minter** has been researching the source material from which Shakespeare wove his play.

The two main accounts to which Shakespeare had direct access, were the English chronicles of Edward Hall (1548) and Raphael Holinshed (1577 and 1578) and they in turn borrow freely from the early 16th century biography of Richard, written in Latin and English by Thomas More.

Shakespeare developed his psychologically accurate but historically biased picture of Richard as a fiend-like king directly from his source material, which itself contains some of the finest prose-writing of the period.

As the editor of the *New Penguin Shakespeare* remarks, it was a wonderful stroke of luck for Shakespeare to discover, by way of Holinshed and Hall, this account by Sir Thomas More, who posessed one of the very few minds that could enlarge his own.

"The difference between his pedestrian three-part *Henry VI,* and his vibrantly artistic *Richard III* is a measure of what he has learnt."

Directed by Gordon House.

9th 0330 rep 10th 0730, 13th 1030

A Chapter of Adventures

Ion Trewin examines the life and work of five authors of classic adventure stories. They all achieved great popular success in Britain at the beginning of this century, and their books are still widely read today. This month:

Erskine Childers

Childers' reputation as a writer is founded on just one book – his only novel, *The Riddle of the Sands.* He worked as a clerk in the House of Commons, but his leisure time was spent sailing – cruising in his small yacht in the English Channel and North Sea.

This gave him the setting for his novel, which was published in 1903. For when he was cruising off the Dutch coast, he conceived the idea that the German navy might be using the Friesian Islands as a base for an invasion of Britain *12th*

Anthony Hope

The imaginary central European kingdom of Ruritania was the invention of Anthony Hope. It is the setting for his best-known work, *The Prisoner of Zenda,* a novel which combines the qualities of a fast-moving thriller with a tender love story *19th*

Rider Haggard

Sir Henry Rider Haggard was considered by his father to be the most stupid of his ten children. Yet he produced 68 books in 40 years, including the two thrilling novels *King Solomon's Mines,* whose hero is Allan Quartermain, and *She 26th From 12th Tues 1215 rep 2045, 15th 0830*

Women of Mystery: Dead End

Jessica Mann concludes her survey of the work of women crime-writers this month. What does the future hold for detective fiction? Can the classic crime story, set in an English country house, survive for another 50 years?

Producer Margaret Windham.

5th 1215 rep 2045, 8th 0830

DRAMA

Two master thrillers

The Left-Handed Sleeper

by Ted Willis

The master of radio drama serials, whose thriller *The Buckingham Palace Connection* enjoyed great success on BBC World Service last year, presents a new cliffhanger this month.

The serial begins with the disappearance of a prominent young member of Parliament which, for some reason, sets all sorts of alarm bells ringing through the corridors of power.

When Lord Willis, who narrates the story, calls on his friends, he finds Christine, Mark Ritchie's wife, distraught – and the house full of "no ordinary policemen."

Starring **Annette Crosbie** as Christine and **Richard Pasco** as Patrick Cadwall.

From 10th 2330 rep 12th 0830, 14th 1830

The Moon Trees

by Angela Sewell

The story is based on fact. On her husband's tea estate in Northern India, Joy struggles with her loneliness and inability to adapt herself to India.

A former shorthand typist from Putney, Joy is frightened of the mist that comes down off the mountains, and the things that crawl round in it. Unbeknown to the household, a king cobra has been coming to 'play' with her baby son, Jacko, on the verandah.

The horrified woman orders the snake to be killed but, strangely, it returns...

In this production directed by Walter Acosta, the cast is led by **Kate Binchy** as Joy, and **Elizabeth Lindsay** as Jacko.

3rd 2330 rep 5th 0830, 7th 1830

Pitch a Wicket

Veteran cricket commentator **John Arlott** presents an anthology of poetry, prose and song on the subject of cricket. The programmes trace the history of the game from its beginning in the village of Hambledon, in the south of England, in the 18th century, when the players were gentlemen, to the present-day somewhat ungentlemanly antics of fast-bowlers.

The readers are **Valentine Dyall, Robin Holmes** and **Penelope Lee,** and the music is provided by John Lawrenson, accompanied at the piano by Robert Docker, and the Yetties. Producer David Rayvern Allen.

16th 2030 rep 18th 1345, 19th 0030

The Fosdyke Saga

by Bill Tidy and John Junkin

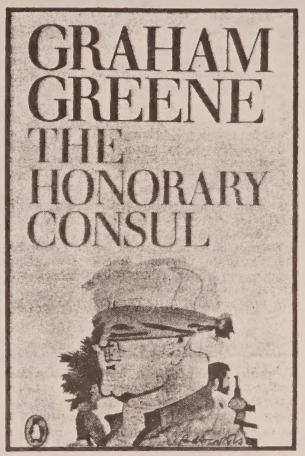
As Josiah Fosdyke settles happily into the tripe works, Ben Ditchley plans to marry the lovely Victoria, but not before his son Roger abducts and heartlessly abandons her.

Just before Ben dies of grief he leaves everything to Jos, but by the time Roger's gambling debts have been paid, there's nothing left.

Cutting their losses, the Fosdykes are about to set sail for the New World, when baby Tim develops measles and they're thrown off the Titanic!

With **Stephanie Turner** as Rebecca, **Philip Lowrie** as Jos, **Miriam Margolyes** as Victoria, **Colin Douglas** as Ben Ditchley and **Christian Rodska** as Roger Ditchley.

Mons 1615 (ex 25th 1715) rep 2315, Tues 0730



Graham Greene's contemporary story is one of two thriller serials beginning on World Service this month. See also *The Left-Handed Sleeper.*

The Honorary Consul

by Graham Greene

Charlie Fortnum is the Honorary British Consul in a remote provincial town in northern Argentina. Unofficial, unpaid, despised by many and cuckolded by his own friend, it is not until he is kidnapped by revolutionaries, who mistake him for someone else, that Charlie finds himself at last a key figure, the central character in a macabre drama. Abridged in ten parts by David H. Godfrey and read by **Richard Bebb.** Producer: John Cardy.

From 30th Sats 0330 rep Suns 0730, Weds 1030

DRAMA

A Place called Armageddon

by Kitty Black

In the Imperial War Museum in London there is a spacious strong-room containing thousands of letters. They were written in trenches, military hospitals, ships and aircraft hangers by servicemen, during the First World War, to their families far away in Britain. Men like Marine Sergeant Bert James Fielder, writing to his wife Nell; or Robert Charles Case, a farmer's son from Bridgwater in Somerset; and Ivone Kirkpatrick, who flew Sopwith Camels over France for the newly-formed Royal Air Force.

These letters describe the personal hardships endured by soldiers, sailors and airmen during the war; they tell the facts that the newsreels left out.

Narrated by **Sir Michael Redgrave** and directed by Martin Jenkins.

3rd 1915 rep 8th 0030, 1330

The Daughters of the Late Colonel

by Katherine Mansfield

Josephine and Constantia cared for their tyrannical father after the early death of their mother; living a monastic existence under strict scrutiny. But now the Colonel is dead and his regime is at an end. For the two daughters, both past middle age, it is the beginning of a new era of freedom.

The years of oppression have left their mark and Josephine and Constantia find themselves unable to contemplate removing their father's possessions from his room. Then there is the question of the funeral, and whether or not they ought to dismiss Kate, the cook. There are so many things to do... and no-one to tell them how to do them.

Starring **Anna Cropper** and **Elizabeth Bell** as Josephine and Constantia. Dramatised by R. S. Byram and directed by Penny Gold.

10th 1915 rep 15th 0030, 1330

The Entertainments Officer

by Simon Broad

England is in the grip of a revolution. There is no government as such, but a "general committee" issues orders to a multiplicity of small revolutionary communes, who are cut off from each other, and denied contact with the outside world.

One small commune consists of two officers – Dennison, a 60-year-old Yorkshireman and his young assistant, Scott. Into their midst comes Theo, an "Entertainments Officer" sent by the ruling authorities, to brighten the lives of the ordinary populace.

But Theo's brief turns out to be a good deal more sinister than first seems apparent. Who exactly is this quiet well-spoken Irishman, and what is his purpose? Starring **Rowland Davies,** the play is directed by Gordon House.

17th 1915 rep 22nd 0030, 1330

Garrulous Ghosts

The Literature of the American South

William Faulkner seems to stride across American literature like a colossus; his feelings of guilt about the grandeur of the South and what its wealth meant in terms of human misery, seem to have affected many other great writers of the region.

Novelist **Paul Bailey** reflects on the achievements of William Faulkner, Flannery O'Connor and Eudora Welty, writers whose roots are embedded in that part of America where "the war" does not mean Vietnam, but the civil war that ended with a victory for the North.

Contributors include – **Robert Penn Warren, Cleanth Brooks, Ralph Ellison** and **William Styron.** Producer David Perry.

24th 1915 rep 29th 0030, 1330

Byng at Large

Compiled by Sue Lamb

The Honourable John Byng was the fifth Viscount Torrington, and author of *The Torrington Diaries.* He was born (in 1740) into a family that could trace its origins back to the 14th century. The early Viscount Torringtons took great delight in chronicling their own progress, against the changing state of the world surrounding them. Both the first and second viscounts had written journals, papers and letters that provide a unique and important source of historical reference, along with *The Torrington Diaries* themselves. These selections, are compiled by Sue Lamb, produced by Christopher Venning and read by **Jeremy Irons.**

Programme one: It is the end of the 16th century. John Byng leaves London "encumbered by a loose great coat and a new pair of boots" for Wales. The journey is arduous and the inns on his route offer little comfort to a weary traveller at the end of the day.

16th 0330 rep 17th 0730, 20th 1030

Programme two: The Welsh air revives Byng, and his spirits continue to rise as he travels on into the surrounding countryside. In the small towns of the Welsh valleys he finds that English is often not understood by the inhabitants, who address him in their own strange Celtic language.

23rd 0330 rep 24th 0730, 27th 1030

DAY to DAY Your guide to World Service

Saturday

0000 World News
09 News about Britain
15 Radio Newsreel
30 About Britain
45 Sarah and Company

0115 Outlook
45 *Letterbox (ex 2nd: Classical Record Review)

0200 World News
09 British Press Review
15 *Network UK
30 People and Politics

0300 World News
09 News about Britain
15 The World Today
30 *2nd: The Mutiny and Piratical Seizure of HMS Bounty 9th: Shakespeare's Sources for Richard III 16th & 23rd: Byng at Large 30th: The Honorary Consul
50 Recording of the Week

0400 Newsdesk
30 That's Trad (ex 30th: Wimbledon Report
45 Financial News
55 Reflections

0500 World News
09 Twenty-Four Hours: News Summary (ex 2nd: British Press Review)
15 *About Britain, 2nd only
30 *About Britain (ex 2nd: New Ideas)
40 2nd only: Book Choice
45 The World Today

0600 Newsdesk
30 *Album Time

0700 World News
09 Twenty-Four Hours: News Summary (ex 2nd: News About Britain)
15 2nd only: From the Weeklies
30 *From the Weeklies (ex 2nd: Classical Record Review)
45 *Network UK

0800 World News
09 Reflections
15 Peebles' Choice (ex 2nd: A Treasury of Musick)
30 Brain of Britain 1984

0900 World News
09 British Press Review
15 The World Today
30 Financial News
40 Look Ahead
45 People and Politics

1015 Letter from America (ex 2nd: What's New; 30th: Wimbledon Report)
30 My Music (ex 2nd: My Word!; 30th: Letter from America)
45 30th only: Swinging Sixties

1100 World News
09 News about Britain
15 About Britain
30 Meridian

1200 Radio Newsreel
15 Anything Goes (ex 16th: Trooping the Colour)
45 Sports Round-up

1300 World News
09 Twenty-Four Hours: News Summary (ex 2nd: Commentary)
15 Network UK: 2nd only
30 Network UK (ex 2nd: That's Trad)
45 Saturday Special

1500 *Radio Newsreel
15 *Saturday Special

1600 World News
09 Commentary
15 Saturday Special

1700 Appx News Summary
02 Saturday Special
15 Baker's Half Dozen
45 Sports Round-up

1800 Newsdesk
30 Play of the Week: 2nd: The Albatros and the Elephant Eggs 9th: The Duenna; 16th & 23rd: Richard III; 30th: Daybreak

1930 Album Time

2000 World News
09 Twenty-Four Hours: News Summary (ex 2nd: Commentary)
15 2nd only: Good Books
30 2nd: Too Many People; 9th: In Praise of God; 16th: Pitch a Wicket; 23rd: Journey Into Hope; 30th: Living Memory

2115 What's New (ex 23rd: Wimbledon Preview; 30th: Wimbledon Report)
30 People and Politics

2200 World News
09 From our own Correspondent
30 New Ideas
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 Letterbox
30 Meridian

ALTERNATIVES

SOUTH ASIA
0145-0200 South Asia Survey
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 This Week
0509-0515 African News
0515-0540 This Week
0540-0545 Time of My Life
0630-0635 African News
0635-0700 This Week
0730-0735 African News
0735-0800 This Week
1500-1530 This Week
1700-1709 World News
1709-1715 African News
1715-1745 This Week

Sunday

0000 World News
09 News about Britain
15 Radio Newsreel
30 Play of the Week: (as Sat 1830)

0130 Baker's Half Dozen (ex 17th: Trooping the Colour)

0200 World News
09 British Press Review
15 *Patrick Martyn's Music Box
30 Sports Review

0300 World News
09 News about Britain
15 From our own Correspondent
30 *My Music (ex 3rd: My Word!)

0400 Newsdesk
30 The World of Singing (ex 24th: Wimbledon Preview)
45 Financial Review
55 Reflections

0500 World News
09 *Twenty-Four Hours: News Summary (ex 3rd: Review of the British Press)
15 3rd only: Letterbox
30 *Good Books (ex 3rd: Music For A While)
45 Letter from America

0600 Newsdesk
30 *Jazz for the Asking

0700 World News
09 Twenty-Four Hours: News Summary (ex 3rd: News About Britain)
15 3rd only: From our own Correspondent
30 *3rd: The Mutiny and Piratical Seizure of HMS Bounty; 10th: Shakespeare's Sources for Richard III; 17th and 24th: Byng at Large
50 *Recording of the Week

0800 World News
09 Reflections
15 *The Pleasure's Yours

0900 World News
09 British Press Review
15 Science in Action
45 Sports Review

1015 From Our Own Correspondent (ex 3rd: Letter From America)
30 Religious Service

1100 World News
10 World Phone In: It's Your World
55 News About Britain

1200 Play of the Week

1300 World News
09 Twenty-Four Hours: News Summary (ex 3rd: Commentary)
15 3rd only: Good Books
30 Villette
45 The Tony Myatt Request Show

1430 3rd: Marriage-Second Time Around; 10th: My Hero Have Always Been Cowboys; 17th: Called To The Bar; 24th: Twelve Good Men and True

1500 *Radio Newsreel
15 *Concert Hall (ex 3rd, WS Invitation Concert)

1600 World News
09 Commentary
15 From our own Correspondent
35 Financial Review
45 Letter from America

1700 World News
09 *Meridian
40 *Reflections
45 Sports Round-up

1800 Newsdesk
30 Brain of Britain 1984

1900 Music For a While
15 Radio Theatre; 3rd: A Place Called Armageddon; 10th: The Daughters of the Late Colonel; 17th: The Entertainments Officer; ex 24th: Garrulous Ghosts

2000 World News
09 Twenty-Four Hours: News Summary (ex 3rd: Commentary)
15 3rd only: Letterbox
30 Sunday Half-Hour

2100 Zoo Walk (ex 3rd: Letters from Everywhere)
15 *The Pleasure's Yours ex 17th: Europe Goes To The Polls

2200 World News
09 Science in Action
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 Letter from America
30 The Left-Handed Sleeper (ex 3rd: Thirty Minute Theatre: The Moon Trees)

ALTERNATIVES

SOUTH ASIA
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 Postmark Africa
0509-0515 African News
0515-0540 Postmark Africa
0540-0545 Name in the News
0630-0635 African News
0635-0700 Postmark Africa
0730-0735 African News
0735-0800 Postmark Africa
0815-0830 Blueprint Africa
0830-0900 African Perspective
1500-1530 African Perspective
1709-1715 African News
1715-1745 African Perspective
2115-2140 Postmark Africa
2140-2145 Book of the Day
2145-2200 Arts and Africa

Monday

0000 World News
09 News about Britain
15 Radio Newsreel
30 Religious Service

0100 Concert Hall (ex 4th: WS Invitation Concert and 18th: Europe Goes to the Polls)
45 *World Service Short Story

0200 World News
09 British Press Review
15 *Good Books
30 Music Now

0300 World News
09 News about Britain
15 Kenneth Matthews Contemplates
30 Anything Goes

0400 Newsdesk
30 An Ice-Cream War (ex 25th: Swinging Sixties)
45 Letter from London
55 Reflections

0500 World News
09 *Twenty-Four Hours: News Summary
30 *Sing A Song of London
45 200 Walk (ex 4th: Letters from Everywhere)

0600 Newsdesk
30 *Baker's Half Dozen

0700 World News
09 Twenty-Four Hours: News Summary
30 *Sarah and Company

0800 World News
09 Reflections
15 Villette
30 Anything Goes

0900 World News
09 British Press Review
15 Waveguide
25 Good Books
40 Look Ahead
45 Music Now

1015 Kenneth Matthews Contemplates
30 Counterpoint

1100 World News
09 News about Britain
15 An Ice-Cream War (ex 18th: Cricket Commentary
30 Omnibus

1200 Radio Newsreel
15 Brain of Britain 1984
45 Sports Round-up

1300 World News
09 Twenty-Four Hours: News Summary
30 Swinging Sixties
45 as Sat 2030

listening at any time, any day of the week

Tuesday

1430 At the Piano (ex 4th: Pageant of the Past; 18th: Cricket Commentary
45 18th only Music For a While

1500 Radio Newsreel
15 *Outlook

1600 **World News**
09 Commentary
15 *The Fosdyke Saga (ex 25th: Wimbledon '84)
30 Kenneth Matthews Contemplates (ex: 25th)
45 The World Today

1700 **World News**
09 *Book Choice
15 4th: My Word! 11th: At The Piano; 18th: My Music; 25th: The Fosdyke Saga
30 25th: Kenneth Matthews Contemplates
45 Sports Round-up

1800 **Newsdesk**
30 as Sun 1430

1900 Outlook
39 Stock Market Report
43 Look Ahead
45 Peebles' Choice

2000 **World News**
09 Twenty-Four Hours: News Summary
30 Sports International

2100 Network UK
15 An Ice-Cream War (ex 25th: Wimbledon Report)
30 Counterpoint

2200 **World News**
09 The World Today
25 Book Choice
30 Financial News
40 Reflections
45 Sports Round-up

2300 **World News**
09 Commentary
15 The Fosdyke Saga
30 Brain of Britain 1984

ALTERNATIVES

SOUTH ASIA
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 Network Africa
0509-0515 African News
0515-0540 Network Africa
0540-0545 Book of the Day
0630-0635 African News
0635-0700 Network Africa
0730-0735 African News
0735-0800 Network Africa
1515-1530 Focus on Africa
1615-1630 Focus on Africa
1630-1645 Sporting Life
1709-1725 Focus on Africa
1725-1730 African News
1730-1745 Sporting Life

0000 **World News**
09 News about Britain
15 Radio Newsreel
30 as Sat 2030

0115 Outlook
45 *Such Sweet Harmony

0200 **World News**
09 British Press Review
15 *Network UK
30 Sports International

0300 **World News**
09 News about Britain
15 The World Today
30 *John Peel

0400 **Newsdesk**
30 Patrick Martyn's Music Box (ex 26th: Wimbledon Report)
45 Financial News
55 Reflections

0500 **World News**
09 *Twenty-Four Hours: News Summary
30 *New Ideas (ex 5th: A Treasurey of Musick)
40 Book Choice (ex 5th)
45 The World Today

0600 **Newdesk**
30 *See Sun 1430

0700 **World News**
09 Twenty-Four Hours: News Summary
30 *The Fosdyke Saga
45 *Network UK

0800 **World News**
09 Reflections
15 Such Sweet Harmony
30 The Left-Handed Sleeper (ex 5th: Thirty Minute Theatre: The Moon Trees)

0900 **World News**
09 British Press Review
15 The World Today
30 Financial News
40 Look Ahead
45 Sing A Song of London

1000 Discovery (ex 26th: Patrick Martyn's Music Box)
15 26th: Wimbledon Report
30 At the Piano (ex 5th: Pageant of the Past)

1100 **World News**
09 News about Britain
15 Letter from London (ex 19th: Cricket Commentary)
25 Scotland This Week (ex 19th)
30 Sports International

1200 Radio Newsreel
15 A Chapter of Adventures (ex 5th: Women of Mystery)
45 Sports Round-up

1300 **World News**
09 Twenty-Four Hours: News Summary
30 Network UK
45 A Jolly Good Show

1430 I'm Sorry I'll Read That Again (ex 5th: Two Cheers for May; 19th: Cricket Commentary)
45 19th: Such Sweet Harmony

1500 Radio Newsreel
15 *Outlook
50 12th: Racing at Royal Ascot

1600 **World News**
09 Commentary
15 *Omnibus (ex 26th: Wimbledon '84)
45 The World Today

1700 **World News**
09 *Meridian
40 *Scotland This Week
45 Sports Round-up

1800 **Newsdesk**
30 Nature Notebook
40 The Farming World

1900 Outlook: News Summary
39 Stock Market Report
43 Look Ahead
45 That's Trad

2000 **World News**
09 Twenty-Four Hours: News Summary
30 Sing A Song of London
45 as Tues 1215

2115 Letter from London (ex 5th: Derby Preview; 26th: Wimbledon Report)
25 Book Choice (ex 26th)
30 The Alterntive Proms

2200 **World News**
09 The World Today
25 Scotland this Week
30 Financial News
40 Reflections
45 Sports Round-up

2300 **World News**
09 Commentary
15 Music For a While
30 Meridian

ALTERNATIVES

SOUTH ASIA
0145-0200 The World today
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 Network Africa
0509-0515 African News
0515-0540 Network Africa
0540-0545 Book of the Day
0630-0635 African News
0635-0700 Network Africa
0730-0735 African News
0735-0800 Network Africa
1515-1530 Focus on Africa
1615-1630 Focus on Africa
1630-1645 Blueprint Africa
1709-1725 Focus on Africa
1725-1730 African News
1730-1745 Blueprint Africa

FALKLANDS
2130-2200 Calling the Falklands

Wednesday

0000 **World News**
09 News about Britain
15 Radio Newsreel
30 A Jolly Good Show

0115 Outlook
45 *Report on Religion

0200 **World News**
09 British Press Review
15 *The World of Singing
30 Middlemarch

0300 **World News**
09 News about Britain
15 The World Today
30 *Discovery (ex 27th: Counterpoint)

0400 **Newsdesk**
30 Waveguide (ex 27th: Wimbledon Report)
40 Book Choice (ex 27th)
45 Financial News
55 Reflections

0500 **World News**
09 *Twenty-Four Hours: News Summary
30 *What's New (ex 6th: Derby Preview; 27th: Waveguide)
40 27th: Book Choice
45 The World Today

0600 **Newsdesk**
30 *Omnibus

0700 **World News**
09 Twenty-Four Hours: News Summary
30 *That's Trad
45 *Report on Religion

0800 **World News**
09 Reflections
15 Classical Record Review (ex 6th: Peebles' Choice: 27th: Music For A While)
30 I'm Sorry I'll Read That Again (ex 6th: Two Cheers for May)

0900 **World News**
09 British Press Review
15 The World Today
30 Financial News
40 Look Ahead
45 The Alternative Proms

1015 Patrick Martyn's Music Box (ex 27th, Wimbledon Report)
30 6th: The Mutiny and Piratical Seizure of HMS Bounty; 13th: Shakespeare's Sources for Richard III; 20th and 27th: Byng at Large
50 Recording of the Week (ex 6th: Derby Preview)

1100 **World News**
09 News about Britain
15 World Service Short Story
30 Meridian

1200 Radio Newsreel
15 Nature Notebook
25 The Farming World
45 Sports Round-up

1300 **World News**
09 Twenty-Four Hours: News Summary
30 Zoo Walk (ex 6th: Letters From Everywhere)
45 Beecham's Delius

1415 Report on Religion (ex 6th: Derby Day Sports Special)
30 Middlemarch (ex 6th)

1500 Radio Newsreel
15 *Outlook
50 13th: Racing at Royal Ascot

1600 World News
09 Commentary
15 *Counterpoint (ex 27th: Wimbledon '84)
45 The World Today

1700 **World News**
09 *Monitor
25 *New Ideas
35 *Waveguide
45 Sports Round-up

1800 **Newsdesk**
30 Top Twenty (ex: 13th, 27th: Outlook)

1900 Outlook (ex 13th: Live Concert from The Aldeburgh Festival 1984; 27th: International Soccer Special)
39 Stock Market Report (ex 13th and 27th)
43 Look Ahead (ex 13th and 27th)
45 Treasury of Musick; 13th: Aldeburgh Festival (con't); 20th: Good Books; 27th: International Soccer Special (con't)
56 13th, 27th: Stock Market Report

2000 **World News**
09 Twenty-Four Hours: News Summary
30 Assignment

2100 Network UK
15 World Service Short Story (ex 27th: Wimbledon Report)
30 Jazz for the Asking

2200 **World News**
09 The World Today
25 Book Choice
30 Financial News
40 Reflections
45 Sports Round-up

2300 **World News**
09 Commentary
15 Kenneth Matthews Contemplates
30 Top Twenty

ALTERNATIVES

SOUTH ASIA
0145-0200 The World Today
0215-0230 Radio Newsreel

AFRICA
As Tuesday except
1630-1645 Arts and Africa
1730-1745 Arts and Africa

DAY to DAY

JUNE 1984

*Alternatives available

Thursday

0000 World News
09 News about Britain
15 Radio Newsreel
30 Waveguide
40 Book Choice
45 I'm Sorry I'll Read That Again (ex 7th: Two Cheers for May)

0115 Outlook
45 *Monitor

0200 World News
09 British Press Review
15 *Network UK
30 Assignment

0300 World News
09 News about Britain
15 The World Today
30 *The Alternative Proms

0400 Newsdesk
30 Classical Record Review (ex 28th: Wimbledon Report)
45 Financial Review
55 Reflections

0500 World News
09 *Twenty-Four Hours: News Summary
30 *Peebles' Choice
45 The World Today

0600 Newsdesk
30 *Nature Notebook
40 *The Farming World

0700 World News
09 Twenty-Four Hours: News Summary
30 *Swinging Sixties
45 *Network UK

0800 World News
09 Reflections
15 Music For a While (ex 28th: International Soccer Special)
30 John Peel

0900 World News
09 British Press Review
15 The World Today
30 Financial News
40 Look Ahead
45 Beecham's Delius

1015 Monitor (ex 28th: Wimbledon Report)
30 I'm Sorry I'll Read That Again (ex 7th: Two Cheers for May)

1100 World News
09 News about Britain
15 New Ideas (ex 14th, 28th: Cricket Commentary)
25 The Week in Wales (ex 14th, 28th)
30 Assignment

1200 Radio Newsreel
15 Top Twenty
45 Sports Round-up

1300 World News
09 Twenty-Four Hours: News Summary
30 Network UK
45 The Pleasure's Yours

1430 6th: Middlemarch; 14th and 28th: Cricket Commentary; 21st: Discovery
45 14th, 28th: The World of Singing

1500 Radio Newsreel
15 *Outlook
50 14th; Racing at Royal Ascot

1600 World News
09 Commentary
15 *Assignment (ex 28th: Wimbledon '84)
45 The World Today

1700 World News
09 *Meridian
40 *The Week in Wales
45 Sports Round-up

1800 Newsdesk
30 The Left-Handed Sleeper (ex 7th: Thirty Minute Theatre: The Moon Trees)

1900 Outlook: News Summary
39 Stock Market Report
43 Look Ahead
45 Report on Religion

2000 World News
09 Twenty-Four Hours: News Summary
30 A Jolly Good Show

2115 Ulster Newsletter (ex 28th: Wimbledon Report)
20 In the Meantime (ex 28th)
30 Business Matters

2200 World News
09 The World Today
25 The Week in Wales
30 Financial News
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 Merchant Navy Programme
30 Meridian

ALTERNATIVES

SOUTH ASIA
0145-0200 The World Today
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 Network Africa
0509-0515 African News
0515-0540 Network Africa
0540-0545 Book of the Day
0630-0635 African News
0635-0700 Network Africa
0730-0735 African News
0735-0800 Network Africa
1515-1530 Focus on Africa
1615-1630 Focus on Africa
1630-1645 Medical Prog
1709-1725 Focus on Africa
1725-1730 African News
1730-1745 Medical Prog

Friday

0000 World News
09 News about Britain
15 Radio Newsreel
30 Radio Theatres; 1st: The Last Voyage of Henry Hudson; 8th: A Place Called Armageddon; 15th: The Daughters of the Late Colonel; 22nd: The Entertainments Officer; ex 29th: Garrulous Ghosts

0115 Outlook
45 *Ulster Newsletter
50 *In the Meantime

0200 World News
09 British Press Review
15 *Zoo Walk (ex 1st, 8th; Letters from Everywhere)
30 Omnibus

0300 World News
09 News about Britain
15 The World Today
30 *Business Matters

0400 Newsdesk
30 Swinging Sixties (ex 1st: A Digance Indulgence; 29th: Wimbledon Report)
45 Financial News
55 Reflections

0500 World News
09 *Twenty-Four Hours: News Summary
30 *Such Sweet Harmony
45 The World Today

0600 Newsdesk
30 *At the Piano (ex 1st, 8th: Pageant of the Past)

0700 World News
09 Twenty-Four Hours: News Summary
30 *Patrick Martyn's Music Box
45 *Merchant Navy Programme

0800 World News
09 Reflections
15 The World of Singing
30 A Chapter of Adventures (ex 1st, 8th: Women of Mystery)

0900 World News
09 British Press Review
15 The World Today
30 Financial News
40 Look Ahead
45 Album Time

1015 Merchant Navy Programme (ex 29th: Wimbledon Report)
30 Business Matters

1100 World News
09 News about Britain
15 In the Meantime (ex 15th, 29th: Cricket Commentary)
25 Ulster Newsletter (ex 15th, 29th)
30 Meridian

1200 Radio Newsreel
15 Jazz for the Asking
45 Sports Round-up

1300 World News
09 Twenty-Four Hours: News Summary
30 as Fri 0030

1415 Letterbox
30 John Peel (ex 15th, 29th: Cricket Commentary)
45 15th, 29th: In the Meantime
55 15th, 29th: Ulster Newsletter

1500 Radio Newsreel
15 *Outlook
50 15th: Racing at Royal Ascot

1600 World News
09 Commentary
15 *Science in Action (ex 29th: Wimbledon '84)
45 The World Today

1700 World News
09 *Sarah and Company
40 *Book Choice
45 Sports Round-up

1800 Newsdesk
30 Beecham's Delius

1900 Outlook
39 Stock Market Report
43 Look Ahead
45 About Britain

2000 World News
09 Twenty-Four Hours: News Summary
30 Middlemarch

2100 Network UK
15 Music Now (ex 29th: Wimbledon Report)
30 29th: In the Meantime
40 29th: Ulster Newsletter
45 Villette

2200 World News
09 The World Today
25 Book Choice
30 Financial News
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 From the Weeklies
30 1st: The Glyndebourne Style; 8th: Marriage-Second Time Around; 15th: My Heroes Have Always Been Cowboys; 22nd: Called To The Bar; 29th: Twelve Good Men and True

ALTERNATIVES

SOUTH ASIA
0145-0200 The World Today
0215-0230 Radio Newsreel

AFRICA
As Thursday except:
1630-1645 African Papers
1730-1745 African Papers

FALKLANDS
2130-2200 Calling the Falklands

AFRICAN ALTERNATIVES

NEWS OF THE AFRICAN WORLD *daily 0330, 0509, 0630, 0730, 1709 (Sats. Suns only) 1725 (ex Sats, Suns).*

NETWORK AFRICA coast-to-coast coverage of the events and the action presented by Hilton Fyle. *Mons to Fris 0335 rep 0515, 0635, 0735*

FOCUS ON AFRICA up-to-the-minute and authoritative reports on the African political scene from a continent-wide team of reporters. *Mons to Fris 1515, 1615, 1709*

THIS WEEK AND AFRICA a summary of the major political events plus the latest correspondents' reports. *Sats 0335, 0515, 0635, 0735, 1500, 1715*

AFRICAN PERSPECTIVE – each week, a feature of discussion analysing a major African issue. *Suns 0830 rep 1500, 1715*

POSTMARK AFRICA listeners from all over Africa hear their questions answered. *Suns 0335, rep 0515, 0635, 0735, 2115*

THIS SPORTING LIFE Africa's top sports action as it happens. *Mons 1630 rep 1730*

BLUEPRINT AFRICA what's new in the worlds of development and technology. *Suns 0815 rep Tues 1630, 1730*

ARTS AND AFRICA Alex Tetteh-Lartey meets Africa's writers and performers. *Suns 2145 rep Weds 1630, 1730*

THE MEDICAL PROGRAMME health and medicine in Africa today. *Thurs 1630 rep 1730*

WHAT THE AFRICAN PAPERS SAY a weekly look at editorial comment and coverage in Africa's major newspapers. *Fri 1630 rep 1730*

BOOK OF THE DAY a book review geared to the African scene. *Suns 2140 rep Mons 0540, Tues-Fris 0540*

THE TIME OF MY LIFE African personalities recall great moments of their lives. *Sats 0540*

NAME IN THE NEWS who – or what – has been making the headlines in Africa. *Suns 0540*

MUSIC

Beecham's Delius

Lyndon Jenkins continues his survey of an extraordinary musical relationship. But for young Thomas Beecham's enthusiastic championship of his music, Frederick Delius may have had to wait many years more before seeing his music accepted in his own country.

But Beecham's participation went beyond mere enthusiasm, because his grasp of the elusive idiom of Delius's music was such that all subsequent interpretations of Delius have inevitably been measured against his performances.

Good luck also favoured Beecham in that, with his father's co-operation, he was able to appropriate large amounts of the family fortune (amassed from the success of Beecham's Pills) to finance his ventures.

This enabled him, for instance, to take a lease of the Royal Opera House, Covent Garden where, among other things, he conducted Delius's opera *A Village Romeo and Juliet*.

In later years Beecham's financial position was not always so healthy, but somehow he survived a series of crises to perform the music he wanted to perform. The result was that the music of Delius, and his reputation as a composer, benefited enormously from the efforts of his great apostle.

Weds 1345 rep Thurs 0945, Fris 1830

Aldeburgh Festival 1984

BBC World Service presents a concert of music by three English composers who died in 1934, played by the English Chamber Orchestra conducted by Steuart Bedford.

Delius: A Song before Sunrise; **Elgar:** Dream Children; Three songs from *The Starlight Express*, with Peter Savidge (baritone); **Holst:** Concerto for Two Violins, with José-Luis Garcia, Josef Frölich (violins).

Direct from The Maltings concert hall, Snape, this performance is given as part of the festival founded by Benjamin Britten and Peter Pears and centred on the town of Aldeburgh on the Suffolk coast.

13th 1900

Concert Hall

Simon Rattle Conducts

The young English conductor directs the Philharmonia Orchestra in two masterpieces of the orchestral repertoire from the early years of this century.

Janaček: Sinfonietta; **Sibelius:** Night-ride and Sunrise *10th*

BBC Symphony Orchestra European Tour 1984

Last month the orchestra toured West Germany, Switzerland, Czechoslovakia and the Netherlands. Two programmes feature music played, under the baton of Paavo Berglund, in Kortrijk, Belgium.

Elgar: Introduction and Allegro for Strings: **Mahler:** Kindertotenlieder, with Felicity Lott (soprano) *17th*

Tchaikovsky: Symphony No. 4 *24th*

Suns (ex 3rd 1515 rep Mons (ex 4th, 18th) 0100

My Music

For this 18th series of BBC World Service's musical quiz the teams remain the same, only the signature tune is different! The new one has been composed and is played by **Steve Race**, who has compiled the questions and is also the chairman. Contestants are **John Amis, Ian Wallace, Frank Muir** and **Denis Norden.** Two of the 26 programmes in this series take place in Hong Kong where they were recorded during the festival last year.

The series is produced by Tony Shryane and Pete Atkin.

From 16th Sats (ex 2nd, 30th) 1030 rep Suns (ex 3rd) 0330 Mons (18th only) 1715

Optimist

Journey into Hope

"For millions of people, Ritchie-Calder's was the voice of practical optimism, among all the horrors and broken promises of the 20th century." Those are the words of his son, the science writer **Nigel Calder,** who presents this radio portrait of **Lord Ritchie-Calder,** journalist, author, broadcaster, university professor, and man of science.

Ritchie-Calder was born in 1906 in Scotland. At 16 he started work as a reporter on a local newspaper in Dundee, but he soon moved on to London, where he wrote for several of the leading national newspapers of the day.

During the economic slump of the 1930s he brought to the attention of the British public the misery and despair of the unemployed.

But his irrepressible optimism led him to take a keen interest in science, and the possibilities it held for improving the lives of ordinary people. He was also aware of the potential dangers of science, and in the 1930s he foresaw with dread the prospect of nuclear war.

After the Second World War he took up the cause of world development. He visited many countries which were afflicted by poverty, famine and strife, on behalf of United Nations agencies, and his vivid newspaper reports made a great impression in Britain.

In 1966 he became a Life Peer, and took an active role on the Labour benches in the House of Lords. He died in 1982.

Producer: Simon Elmes.

23rd 2030 rep 25th 1345, 26th 0030

Kenneth Matthews Contemplates

The distinguished foreign correspondent and travel writer **Kenneth Matthews** gives four talks.

An Enchantment of Roses

"The secret of the rose is the scent. What was the magical balm with which Aphrodite bathed the dead body of Hector after he had fallen in the defence of Troy? It was attar of roses, the oldest, rarest and most precious of all the perfumes invented or extracted by man." *4th*

Trees

"The sad truth is that where people multiply, trees retreat. They are wild things. Left to themselves, they make forests – real forests, like those which were once haunted by wolves and witches." *11th*

Letter from the Kitchen Sink

"Think of all the meals, from snacks and picnics to candle-lit dinners and royal banquets, which have been painstakingly and lovingly described, in letters, stories and poems, but on which total silence has fallen as soon as the dishes have been cleared away. They might have washed themselves up for all we're told about it!" *18th*

An Old Photograph

"The camera is only present at the events in the diary, the weddings and birthdays and holidays; the enormous world of the unforeseeable escapes the camera's eye." *25th*

Mons 0315 rep 1015, 1630, (ex 25th 1730), Weds 2315

Letterbox, new schedule from June due to expansion of 24 Hours to 7 days: Fri 1415, Sat 0145, 2315

Brain of Britain

Robert Robinson chairs another round in the general knowledge quiz, with teams from the **West of England** (heat 2) *2nd;* the **Midlands and East Anglia** (heats 1 and 2) *9th, 16th;* and the **North of England** (heat 1) *23rd*

Sats 0830 rep Suns 1830, Mons 1215, 2330

SPORT

Wimbledon Championships

The 98th Wimbledon Championships begin on 25th June and continue until July 8th. Linda Spurr, one of BBC World Service's expert team of reporters covering the tournament, looks ahead to this great traditional event of the British sporting calendar.

This could be a bonanza year for Europe at the All England Lawn Tennis Championships.

There are extra commentary periods for the **Ladies' Singles semi-finals** *July 5th 1430* and the **Men's Singles semi-finals** *July 6th 1430.*

Saturday Special on *July 7th* begins earlier than usual at *1309* for commentary on the **Ladies' Singles final** and there will be full commentary on the **Men's final** on Sunday July 8th from *1309* until the end of the match.

Other tennis this month includes the **French Championships** in Paris, until *10th,* the **Stella Artois Men's Tournament** at Queens Club London, *11th-17th* and the **BMW Women's Tournament** at Eastbourne *18th-23rd.* Reports in *Sports Round Up* and commentaries in *Saturday Special.*

Heroes

Who would have given Sweden a second look, for example, after the retirement of five-times champion Bjorn Borg? But they reached the Davis Cup final in '83 and a very real prospect for Wimbledon honours this year is Mats Wilander.

Then, there's the emergence of the East Europeans, headed by Czechoslovakia's number one, Ivan Lendl. He's often been labelled a "clay court" player. But last year at Wimbledon he proved those critics wrong: perhaps this year he'll go one step further – and reach the final.

Obviously, the American contingent will start out favourites once again. I can see John McEnroe retaining the men's title, with Jimmy Connors providing his usual determined opposition.

Last year's heroes will, I think, show their talents again. So watch out for South Africa's Kevin Curren and '83 runner-up Chris Lewis of New Zealand.

On the women's scene, there's one player I think could break the American domination – and that's the tall, glamorous Hungarian, Andrea Temesvari. Still in her teens, Andrea's sadly been troubled by injury since last year's championships, but I think her day will come very soon.

The British crowds have someone to cheer for this time: their new number one player – Jo Durie. She's made it to the world's top ten after two years of heart-break, back operations and sheer determination. With the roar of the centre-court crowd behind her, perhaps this will be Miss Durie's best year so far.

Otherwise, of course, it is bound to be the Americans who last the fortnight the best: Martina Navratilova, Chris Lloyd, Andrea Jaeger and Tracy Austin.

The Coverage

The ever-popular three times Wimbledon champion, **Fred Perry**, is further honoured at this year's Wimbledon. To celebrate the 50th anniversary of his first win, the All England Club are erecting a statue of him, and naming the new gate after him – a most fitting tribute to one of the "gentlemen" of the game. Fred has been in poor health recently but we hope that he will be fully recovered in time to join **Simon Reed,** once again, firstly in *Wimbledon Preview Saturday Special 23rd rep 2115, 24th 0430,* and then to discuss each day's play in *Wimbledon Report, daily 2115 rep 0430 and 1015.*

Simon Reed also introduces *Wimbledon 84* live from the BBC's commentary box on the centre court at *1615* every day of the championships.

REVIEW OF INTERNATIONAL BROADCASTING

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